

GARDEN CITY (PWS 4010066) SOURCE WATER ASSESSMENT FINAL REPORT

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State of Idaho Department of Environmental Quality

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Executive Summary

Under the Safe Drinking Water Act Amendments of 1996, all states are required by the U.S. Environmental Protection Agency (EPA) to assess every source of public drinking water for its relative sensitivity to contaminants regulated by the Act. This assessment is based on a land use inventory of the designated assessment area and sensitivity factors associated with the wells and aquifer characteristics.

This report, *Source Water Assessment for Garden City*, describes the public drinking water system, the boundaries of the zones of water contribution, and the associated potential contaminant sources located within these boundaries. This assessment should be used as a planning tool, taken into account with local knowledge and concerns, to develop and implement appropriate protection measures for these sources. **The results should not be used as an absolute measure of risk and they should not be used to undermine public confidence in the water system.**

The Garden City drinking water system consists of 10 wells; 8 of the wells are included in this report (Table 3). Wells #11 and #12 are not included in this report. When these sources have been delineated and assessed, the report will be amended.

Final susceptibility scores are derived from system construction scores, hydrologic sensitivity scores, and potential contaminant/land use scores. Potential contaminants are divided into four categories, inorganic contaminants (IOCs, i.e. nitrates, arsenic), volatile organic contaminants (VOCs, i.e. petroleum products), synthetic organic contaminants (SOCs, i.e. pesticides), and microbial contaminants (i.e. bacteria). As different wells can be subject to various contamination settings, separate scores are given for each type of contaminant.

Wells #3, #4, and #5 rated high susceptibility to all types of contaminants. Well #4 has an automatic high susceptibility to microbial contaminants due to a detection of total coliform at the wellhead. Well #5 rated automatically high to all classes of contaminants because 48th Street is within the 50-foot radius sanitary setback of the well. Well #6 rated automatically high for VOCs (toluene, January 2000) and moderate for IOCs, SOCs, and microbial contaminants. Wells #7, #8, #9, and #10 rated moderate susceptibility to all classes of contaminants. See Table 4 for a susceptibility summary.

Well logs were available for all of the wells, but sanitary surveys were not available because Garden City samples for bacteria more than 5 times per month. Sanitary surveys are the usual source of information regarding surface flooding protection and wellhead seal requirements. This lack of information increased the system construction scores, contributing to many of the high susceptibility ratings of the Garden City wells. If information regarding wellhead seals and flood protection could be provided, the overall scores might be reduced for the wells.

Current water chemistry problems that affect the Garden City water system pertain to the detection of the VOC toluene in January 2000 (Well #6). Toluene is associated with discharges from petroleum businesses or factories. It can cause kidney, nervous system, and liver problems. In February 1995, total coliform bacteria were detected at the wellhead of Well #4. In addition, total coliform bacteria have been detected in the distribution system between 1995 and 1996, indicating a possible existing pathway for contamination. All of the delineations cross a priority area of the VOC perchloroethylene (PERC).

Possibly associated with the total coliform detected in the system, trihalomethanes (disinfection by-products) have been detected in Wells #4, #6, and #7. These contaminants are not considered problems with the source water but they are of concern due to their apparent health threat. The trihalomethanes detected include bromodichloromethane and chloroform. These disinfection by-products are formed when chlorine or bromine reacts with natural organic matter (NOM). The formation of by-products is also affected by other factors such as pH, temperature, and dose of disinfectant. Trihalomethanes can cause an increased risk of cancer, liver, kidney, and nervous system problems in long term exposure.

This assessment should be used as a basis for determining appropriate new protection measures or re-evaluating existing protection efforts. No matter what ranking a source receives, protection is always important. Whether the source is currently located in a “pristine” area or an area with numerous industrial and/or agricultural land uses that require surveillance, the way to ensure good water quality in the future is to act now to protect valuable water supply resources. If the system should need to expand in the future, new well sites should be located in areas with as few potential sources of contamination as possible, and the site should be reserved and protected for this specific use.

For Garden City, drinking water protection activities should first focus on documenting the maintenance of the well seal, sanitary seal, and flood protection. This information is usually found on the sanitary survey (an inspection conducted every five years with the purpose of determining the physical condition of a water system’s components and its capacity). These surveys are currently not required for large systems that test for microbial contamination more than five times per month.

As many of the delineations cover predominantly urban areas, there should be a strong public education program to make people aware that they live above the source of their drinking water. Additionally, storm water practices should be assessed. No potential contaminants, including roads, houses, or construction sites, should be allowed within 50 feet of any of the wellheads. As 48th Street is likely unable to be rerouted, Garden City should consider a secondary containment system to limit and avoid contamination associated with spills or releases.

Should microbial contamination become a problem, appropriate disinfection practices would need to be maintained in a way to protect the drinking water from disinfection by-products, a result of the disinfecting method. Though water cannot be totally free of by-products when disinfection is used, they can be reduced by treatment modifications. See

http://www.epa.gov/safewater/mdbp/pdf/alter/chapt_2.gov for suggested processing controls.

Much of the designated protection areas are outside the direct jurisdiction of the Garden City, making collaboration and partnerships with state and local agencies and industry groups critical to the success of drinking water protection. All wells should maintain sanitary standards regarding wellhead protection.

Due to the time involved with the movement of ground water, drinking water protection activities should be aimed at long-term management strategies even though these strategies may not yield results in the near term. A strong public education program should be a primary focus of any drinking water protection plan as the delineations contain some urban and residential land uses. Public education topics could include proper lawn and garden care practices, household hazardous waste disposal methods, proper care and maintenance of septic systems, and the importance of water conservation to name but a few. There are multiple resources available to help communities implement protection programs, including the Drinking Water Academy of the EPA. As there are major transportation corridors through the delineations, the Idaho Department of Transportation should be involved in

protection activities. Drinking water protection activities for agriculture should be coordinated with the Idaho State Department of Agriculture, the Soil Conservation Commission, the Ada Soil and Water Conservation District, the Ada Soil and Water Conservation District, and the Natural Resources Conservation Service.

A community must incorporate a variety of strategies in order to develop a comprehensive drinking water assessment protection plan, be they regulatory in nature (i.e. zoning, permitting) or non-regulatory in nature (i.e. good housekeeping, public education, specific best management practices). For assistance in developing drinking water protection strategies please contact the Boise Regional Office of the Idaho Department of Environmental Quality.

SOURCE WATER ASSESSMENT FOR THE GARDEN CITY, IDAHO

Section 1. Introduction - Basis for Assessment

The following sections contain information necessary to understand how and why this assessment was conducted. **It is important to review this information to understand the results of the assessment.** Maps showing the delineated source water assessment areas and the inventory of significant potential sources of contamination identified within the areas are attached. The lists of significant potential contaminant source categories and their rankings used to develop the assessment are also attached (Appendix A).

Background

Under the Safe Drinking Water Act Amendments of 1996, all states are required by the EPA to assess every source of public drinking water for its relative susceptibility to contaminants regulated by the Safe Drinking Water Act. This assessment is based on a land use inventory of the delineated assessment area and sensitivity factors associated with the wells and aquifer characteristics.

Level of Accuracy and Purpose of the Assessment

Since there are over 2,900 public water sources in Idaho, there is limited time and resources to accomplish the assessments. All assessments must be completed by May of 2003. An in-depth, site-specific investigation of each significant potential source of contamination is not possible. **Therefore, this assessment should be used as a planning tool, taken into account with local knowledge and concerns, to develop and implement appropriate protection measures for this source. The results should not be used as an absolute measure of risk and they should not be used to undermine public confidence in the water system.**

The ultimate goal of the assessment is to provide data to local communities to develop a protection strategy for their drinking water supply system. The Idaho Department of Environmental Quality (DEQ) recognizes that pollution prevention activities generally require less time and money to implement than treatment of a public water supply system once it has been contaminated. DEQ encourages communities to balance resource protection with economic growth and development. The decision as to the amount and types of information necessary to develop a drinking water protection program should be determined by the local community based on its own needs and limitations. Wellhead or drinking water protection is one facet of a comprehensive growth plan, and it can complement ongoing local planning efforts.

Section 2. Conducting the Assessment

General Description of the Source Water Quality

The public drinking water system for the Garden City is comprised of 10 ground water wells that serve approximately 9,000 people through approximately 3,400 connections. This report includes information concerning 8 of those wells. The wells are located in Ada County, at various locations around Garden City (Figure 1).

Current water chemistry problems that affect the Garden City water system pertain to the detection of the VOC toluene. Toluene is associated with discharges from petroleum businesses or factories. It can cause kidney, nervous system, and liver problems. Additionally, total coliform bacteria were detected at Well #4 in February 1995. In addition, coliform bacteria have been detected in the distribution system between 1995 to 1998, indicating a possible existing pathway for contamination. All of the delineations cross a priority area of the VOC perchloroethylene (PERC). Table 1 contains a listing of the regulated IOCs found during water chemistry tests. No SOC's have ever been detected.

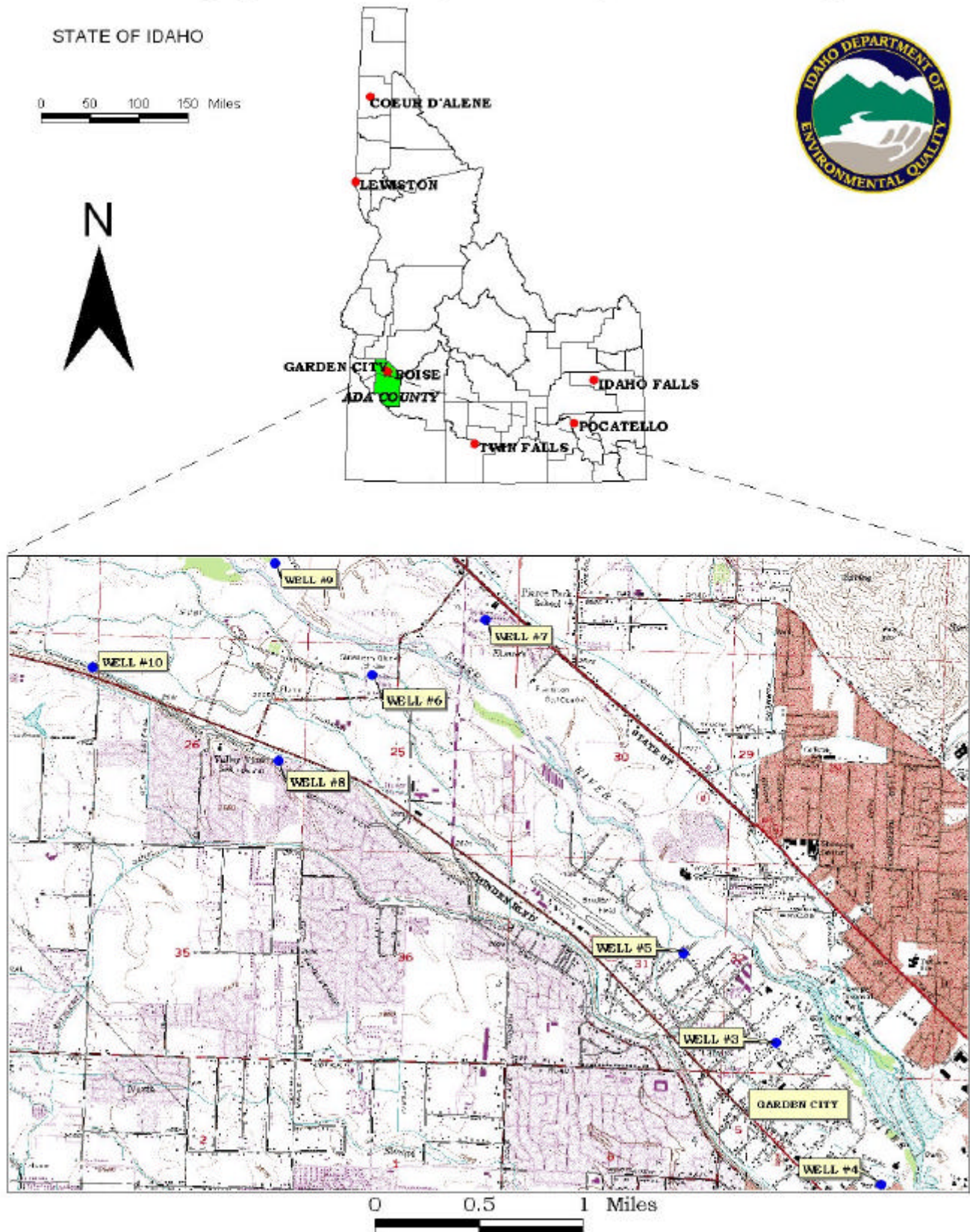
Possibly associated with the total coliform detected in the system, trihalomethanes (disinfection by-products) have been detected in the wells. These contaminants are not considered problems with the source water but they are of concern due to their apparent health threat. These trihalomethanes are bromodichloromethane and chloroform. Though water cannot be totally free of by-products when disinfection is used, they can be reduced by treatment modifications. These disinfection by-products are formed when chlorine or bromine reacts with natural organic matter (NOM). The formation of by-products is also affected by other factors such as pH, temperature, and dose of disinfectant. Trihalomethanes can cause an increased risk of cancer, liver, kidney, and nervous system problems in long term exposure.

Table 1. Detection of Contaminants in the Garden City Wells

Well #3	Well #4	Well #5	Well #6
arsenic	fluoride	aluminum	arsenic
fluoride	mercury	chromium	barium
nitrate	nitrate	fluoride	<i>bromodichloromethane:</i> (5/01)
	thallium	magnesium	<i>chloroform:</i> (9/97, 1/00, 1/01)
	<i>bromodichloromethane:</i> (1/01)	manganese	cadmium
	<i>chloroform:</i> (1/01)	nitrate	fluoride
		radium	nitrate
			toluene: 1.3 ppb (1/00)
Well #7	Well #8	Well #9	Well #10
cadmium	arsenic	cadmium	aluminum
<i>chloroform:</i> (10/99)	fluoride	fluoride	fluoride
fluoride	nitrate		manganese

- **Detection of VOC or SOC, and IOCs above the MCLs;**
- *Detection of trihalomethanes;*
- Detection of IOCs below the MCLs
- ppb = parts per billion

FIGURE 1. Geographic Location of Garden City Water & Sewer System



Defining the Zones of Contribution – Delineation

The delineation process establishes the physical area around a well that will become the focal point of the assessment. The process includes mapping the boundaries of the zone of contribution into time-of-travel (TOT) zones (zones indicating the number of years necessary for a particle of water to reach a well) for water in the aquifer. DEQ contracted with BARR Engineering to perform the delineations using a combination of MODFLOW and a refined analytical element computer model approved by the EPA in determining the 3-year (Zone 1B), 6-year (Zone 2), and 10-year (Zone 3) TOT for water associated with the Boise Valley aquifer in the vicinity of the wells of Garden City. The computer models used site specific data, assimilated by BARR Engineering from a variety of sources including the Garden City well logs, other local area well logs, the Treasure Valley Hydrologic Project, and hydrogeologic reports (detailed below).

Boise Valley Aquifer: Treasure Valley Hydrologic Project Information (Petrich and Urban, 1996; Neely and Crockett, 1998; Petrich et al., 1999)

The “Treasure Valley” is a geopolitical region that includes the lower Boise River sub-basin. The lower Boise River sub-basin begins where the Boise River exits the mountains near the Lucky Peak Reservoir. From Lucky Peak Dam the lower Boise River flows about 64 (river) miles northwestward through the Treasure Valley to its confluence with the Snake River. The Treasure Valley Hydrologic Project area encompasses the lower Boise River area, and extends south to the Snake River. The southern area is included in the study area because of ground water flow from the Lower Boise River basin south toward the Snake River.

Significant amounts of desert area were converted to flood irrigated agriculture beginning in the 1860s. Irrigation led to increases in shallow ground water levels in some areas. The shallow ground water levels provided an inexpensive and readily obtainable water supply that is used extensively throughout the valley. Much of the population growth in the Treasure Valley has been occurring in previously flood-irrigated agricultural areas, resulting in increased pumpage and a reduction in local aquifer recharge. In addition, irrigation in some areas has become more efficient, reducing the amount of irrigation-related infiltration. Decreasing aquifer recharge and increasing pumpage is thought to be contributing to decreasing ground water levels in some areas.

The Treasure Valley experiences a temperate and arid-to-semiarid climate. Average high temperatures range from about 90°F in summer to 36°F in winter; low temperatures range from about 20°F in winter to about 56°F in summer. The average precipitation ranges from about 8 to 14 inches throughout most of the valley, most of which falls during the colder months.

Major surface water bodies include the Boise River, Lake Lowell, and Lucky Peak Reservoir. The primary source of surface water in the Treasure Valley is precipitation falling in the high elevation area in the Boise River basin upstream of Lucky Peak Dam. Much of the runoff from high elevation areas is stored in three reservoirs: Anderson Ranch Reservoir, Arrowrock Reservoir, and Lucky Peak Reservoir.

The region’s croplands are irrigated primarily with surface water through an extensive network of reservoirs and canals. The first canals were constructed in the 1860’s; there are now over 1,100 miles of major and intermediate canals in the Treasure Valley. The primary sources of the irrigation water in the Treasure Valley include the Boise, Snake, and Payette Rivers. The majority of canals are owned and maintained by canal companies and irrigation districts.

Boise Valley Aquifer Hydrogeology (from Petrich et al., 1999)

The lower Boise River sub-basin (Treasure Valley) is located within the northwest-trending topographic depression known as the western Snake River Plain. The western Snake River Plain is a relatively flat lowland separating Cretaceous granitic mountains of west-central Idaho from the granitic/volcanic Owyhee mountains in southwestern Idaho. The western Snake River Plain extends from about Twin Falls, Idaho northwestward to Vale, Oregon. The Snake River Plain is about 30 miles wide in the section containing the lower Boise River.

Sediments originating from the surrounding mountains began accumulating on top of thick, basal basalts. Rifting and continued subsidence maintained the lowland topography, leading to the additional accumulation of water and sediments (Othberg, 1994). Basin infilling by sediments and basalt occurred from the late Miocene through the late Pliocene (Othberg, 1994). Incision caused by flowing water in major drainages (e.g., Snake and Boise Rivers) began in the late Pliocene or early Pleistocene, although deposition of coarse sediments continued during Quaternary glaciations (Othberg, 1994).

Several Quaternary basalt flows have been described in the western Snake River Plain, and have been assigned to the upper Snake River Group (Malde, 1991; Malde and Powers, 1962). Lava flowed across portions of the ancestral Snake River Valley (Malde, 1991) in an area that is now south of the Boise River. The Snake River then changed course, incising at its present location along the southern margin of the basalt flows. More recent eruptions (from Kuna Butte and other local sources) spilled lava into the canyon south of Melba. The Snake River has since incised this basalt (Malde, 1991).

The general stratigraphy of the western Snake River Plain consists of (from top to bottom) a thick layer of sedimentary deposits underlain by a thick series of basalt flows, which in turn are underlain by older, tuffaceous sediments and basalt (Malde, 1991; Clemens, 1993). The upper thick zone of sediments (up to approximately 6,000 feet thick) distinguishes the western Snake River Plain from the eastern Snake River Plain, in which the upper section is primarily Quaternary basalt (Wood and Anderson, 1981).

The uppermost sediments and basalt belong to the Pleistocene-age Snake River Group. The Snake River Group consists of terrace sediments, Quaternary alluvium, and Pleistocene basalt flows (Wood and Anderson, 1981). Snake River Group sediments and basalts cover much of the project area (Othberg and Stanford, 1992).

The Snake River Group overlies the Idaho Group sediments. The Idaho Group sediments can be divided into two general parts (Wood and Anderson, 1981). The lower Idaho Group contains sediments described as lake and stream deposits of buff white, brown, and gray sand, silt, clay, diatomite, numerous thin beds of vitric ash, and some basaltic tuffs. The upper part of the lower Idaho Group also contains some local, thin, basalt flows. The upper Idaho Group consists of sands, claystones, and siltstones, but differs from the lower Idaho Group in that it contains a greater percentage of coarser-grained materials. The upper Idaho Group is associated with a fluvial/deltaic/lacustrine depositional environment; the lower Idaho Group sediments were deposited in more of a lacustrine/deltaic environment (Wood, 1994).

Wood (1994) identified a buried lacustrine delta within the Idaho Group sediments in the Nampa-Meridian area. The location of the delta in the middle of the western Snake River Plain suggests that the eastern part of the Boise River basin was delta plain and flood plain at the time of deposition, while the western part was a deep lake environment. The delta probably prograded northwestward into a lake basin 800 feet deep, based upon high resolution seismic reflection data and resistivity log

interpretations. The delta-plain and front sediments were shown to be mostly fine-grained, well-sorted sand with thin layers of mud (Wood, 1994). The northwest trend of the delta indicates a sediment source to the southeast, such as where the Snake River flows today (Wood, 1994).

A substantial, laterally extensive layer of clay is found at depths of 300 to 700 feet below ground surface. The clay is important because it represents, in some areas, a significant aquitard separating shallow overlying aquifers from deeper zones. The clay, often described in well logs as having a blue or gray color, has been observed as far west as Parma, and as far east as Boise (although the clay is not found in the extreme eastern portions of the Treasure Valley). The clay varies from a few feet to a few hundred feet in thickness. Although significant layers of clay are present throughout the Idaho Group sediments, individual clay units are not necessarily continuous over large areas. Also, the top of the clay can vary in elevation by up to approximately 200 feet in some locations, such as in an area west of Lake Lowell. In general, sediments above the "blue clay" are coarser-grained than the interbedded sands, silts, and clays underlying the "blue clay."

The top of the upper Idaho Group is marked in several parts of the Treasure Valley by a widespread fluvial gravel deposit known as the Tenmile gravels. Tenmile gravels contain rounded granitic rocks and felsic porphyries originating from the Idaho Batholith to the north and northeast. The Tenmile gravels range up to 500 feet in thickness along the Tenmile Ridge south of Boise, but are less than 50 feet thick in the Meridian-Meridian area (Wood and Anderson, 1981).

Boise Valley Aquifer Systems and Hydrogeologic Characteristics

Ground water for municipal, industrial, rural domestic, and irrigation uses in the Treasure Valley is drawn almost entirely from Snake River Group and Idaho Group aquifers. Many domestic wells draw water from shallow aquifers, such as those in the Snake River Group deposits. Larger production wells (for municipal and agricultural uses) draw water from the deeper Idaho Group sediments.

Aquifers contained in the Snake River and Idaho Group sediments comprise shallow and regional ground water flow systems. Shallow aquifers contained in Snake River Group sediments and basalts may belong to local flow systems. Most local flow system recharge stems from irrigation infiltration and channel (e.g., streams or canals) losses. Discharge from shallow, local flow systems often is to local drains or streams. The time from recharge to discharge in shallow flow systems (residence times) probably ranges from days to tens of years.

In contrast, regional ground water flow systems extend much deeper than local flow systems. The Treasure Valley regional flow system begins in the eastern part of the valley, as indicated by downward hydraulic gradients in the Boise Fan sediments described by Squires et al. (1992). Some water also enters the regional flow system as underflow from the Boise Foothills in the northeastern part of the valley. The regional flow system is thought to discharge primarily to the Boise and Snake Rivers in the western and southwestern parts of the valley.

Aquifer material characteristics, material heterogeneity, and structural controls influence Treasure Valley ground water flow. Coarse-grained materials (e.g., sand and gravel) in upper zones are more capable of transmitting ground water than fine-grained sediments (e.g., silt and clay). Clay and silt in the Snake River sediments can restrict vertical and/or horizontal ground water movement. Perched aquifers are created when fine-grained lenses impede downward vertical flow. A distinctive clay layer, sometimes referred to as "blue clay," is present over large portions of the valley. The clay is absent in the easternmost portions of the lower Boise River Basin, but can reach a thickness of more than 200 feet toward the central and western portions of the basin.

Sequences of interbedded sand, silt, and clay, such as the Deer Flat Surface and the upper portion of the Glens Ferry Formation of the upper Idaho Group in the Meridian-Meridian area, are the major water-producing aquifers in a large part of Canyon County (Anderson and Wood, 1981). The coarse-grained sediments in this zone produce water in excess of 2,000 gallons per minute (gpm).

The delineated source water assessment areas for the majority of the wells of the Garden City can best be described as southeastward trending corridors. Wells #3 and #5 share the same delineation (Figure 2) which is approximately 6.5 miles long and 1.5 miles wide. The dimensions of the Well #4 delineation are about 5 miles by 1 mile (Figure 3). The dimensions of the Well #6 delineation are about 4 miles by 1 mile (Figure 4). The dimensions of the Well #7 delineation are about 4 miles by 0.25 mile (Figure 5). The dimensions of the Well #8 delineation are about 4 miles by 1 mile (Figure 6). The dimensions of the Well #9 delineation are about 3.5 miles by 0.5 mile (Figure 7). The dimensions of the Well #10 delineation are about 3.5 miles by 0.25 mile (Figure 8). The actual data used by BARR Engineering in determining the source water assessment delineated areas for all of the wells are available from DEQ upon request.

Identifying Potential Sources of Contamination

A potential source of contamination is defined as any facility or activity that stores, uses, or produces, as a product or by-product, the contaminants regulated under the Safe Drinking Water Act and has a sufficient likelihood of releasing such contaminants at levels that could pose a concern relative to drinking water sources. The goal of the inventory process is to locate and describe those facilities, land uses, and environmental conditions that are potential sources of ground water contamination. The locations of potential sources of contamination within the delineation areas were obtained by field surveys conducted by DEQ, the local operator, and from available databases.

Land use within the immediate area of the Garden City wellheads consists of mostly residential, commercial, and transportation corridor uses, while the surrounding area is predominantly land under residential and commercial development or urban.

It is important to understand that a release may never occur from a potential source of contamination provided they are using best management practices. Many potential sources of contamination are regulated at the federal level, state level, or both to reduce the risk of release. Therefore, when a business, facility, or property is identified as a potential contaminant source, this should not be interpreted to mean that this business, facility, or property is in violation of any local, state, or federal environmental law or regulation. What it does mean is that the potential for contamination exists due to the nature of the business, industry, or operation. There are a number of methods that water systems can use to work cooperatively with potential sources of contamination, including educational visits and inspections of stored materials. Many owners of such facilities may not even be aware that they are located near a public water supply well.

Contaminant Source Inventory Process

A two-phased contaminant inventory of the study area was conducted in February and March 2002. The first phase involved identifying and documenting potential contaminant sources within the Garden City source water assessment areas (Figures 2 through 8) through the use of computer databases and Geographic Information System (GIS) maps developed by DEQ. The second, or enhanced, phase of the contaminant inventory consisted of contacting the system operator to identify and add any additional potential sources in the area.

The delineated source water areas contain a varying number of potential contaminant sites, ranging from 29 (Well #10) to 791 (Wells #3 and #5). The delineations contain transportation corridors (Chinden Boulevard, Glenwood Street, Fairview Avenue, Vista Avenue, etc) and various commercial, industrial, and agricultural sources as potential sources of contamination. Spills occurring on the transportation corridors could contribute all classes of contamination to the aquifer. Additionally, there are sites regulated by the Resource Conservation Recovery Act (RCRA), the Superfund Amendments and Reauthorization Act (SARA), and the Comprehensive Environmental Response Compensation and Liability Act (CERCLA). Appendix A contains the locations of these potential contaminant sources as well as a description for each well (Tables A1 through A-7).

Section 3. Susceptibility Analyses

Each well's susceptibility to contamination was ranked as high, moderate, or low risk according to the following considerations: hydrologic characteristics, physical integrity of the well, land use characteristics, and potentially significant contaminant sources. The susceptibility rankings are specific to a particular potential contaminant or category of contaminants. Therefore, a high susceptibility rating relative to one potential contaminant does not mean that the well is at the same risk for all other potential contaminants. The relative ranking that is derived for each well is a qualitative, screening-level step that, in many cases, uses generalized assumptions and best professional judgement. Appendix B contains the susceptibility analysis worksheets. The following summaries describe the rationale for the susceptibility ranking.

Hydrologic Sensitivity

The hydrologic sensitivity of a well is dependent upon four factors: the surface soil composition, the material in the vadose zone (between the land surface and the water table), the depth to first ground water, and the presence of fine-grained geologic material above the producing zone of the well. Slowly draining soils such as silt and clay typically are more protective of ground water than coarse-grained soils such as sand and gravel. Similarly, fine-grained sediments in the subsurface and a water depth of more than 300 feet protect the ground water from contamination.

Hydrologic sensitivity is high for Well #3 and moderate for the other wells (Table 4). Well logs were available for each of the wells. Table 2 contains the results to the four hydrologic sensitivity questions. All the wells, except for Wells #3 and #4, had greater than 50 cumulative feet of low permeability clay layers above the producing zones. Regional soils data showed poor to moderately drained soils predominated in the delineations of Wells #4, #6, #7, and #9. First ground water was discovered within 300 feet of the surface. The vadose zone for all of the wells was a combination of sand and gravel.

Table 2. Hydrologic Sensitivity Criteria Results for Garden City Wells

Well Name	Vadose Zone Composition	Aquitard Present? (cumulative feet)	1 st Ground water (feet bgs)	% Poor to moderate drained soils
#3	sand/gravel	No	3	40
#4	river gravel	No-33	173	53
#5	gravel	Yes-57	3	40
#6	sand/gravel	Yes-166	220	71
#7	sand/gravel	Yes-63	186	100
#8	sand/gravel	Yes-455	14	0
#9	Sand/gravel/clay	Yes-135	69	100
#10	sand/gravel	Yes-422	0-23	4

bgs = below ground surface

Well Construction

Well construction directly affects the ability of the well to protect the aquifer from contaminants. System construction scores are reduced when information shows that potential contaminants will have a more difficult time reaching the intake of the well. Lower scores imply a system is less vulnerable to contamination. For example, if the well casing and annular seal both extend into a low permeability unit, then the possibility of contamination is reduced and the system construction score goes down. If the highest production interval is more than 100 feet below the water table, then the system is considered to have better buffering capacity. If the wellhead and surface seal are maintained to standards, then contamination down the well bore is less likely. As there are no sanitary surveys, the issue of well seals could not be addressed. If a well is protected from surface flooding and is outside the 100-year floodplain, then contamination from surface events is reduced.

Though well logs were available, sanitary surveys were not available, preventing a determination of the maintenance of wellhead and surface seals and protection of the wells from surface flooding. Wells #3, #4, #5, and #8 rate high, and the other wells rate moderate for system construction. The primary difference between the ratings is due to the indication that the casing and annular seal extended to low permeability units. Information regarding the wells is summarized below (Table 3).

The well logs allowed a determination as to whether current public water system (PWS) construction standards are being met. Though the wells may have been in compliance with standards when they were completed, current PWS well construction standards are more stringent. The Idaho Department of Water Resources *Well Construction Standards Rules* (1993) require all PWSs to follow DEQ standards as well. IDAPA 58.01.08.550 requires that PWSs follow the *Recommended Standards for Water Works* (1997) during construction. Some of the regulations deal with screening requirements, aquifer pump tests, annular seal placement, casing vent requirements, and thickness of casing. Table 1 of the *Recommended Standards for Water Works* (1997) lists the required steel casing thickness for various diameter wells. Six-inch casing requires 0.280-inch thick casing, eight-inch casing requires 0.322-inch thick casing, ten-inch casing requires 0.365-inch thick casing, and 12-inch and larger casing requires a casing thickness of at least 0.375-inches. As casing vent information is usually found on sanitary surveys, the lack of a sanitary survey or other source of information prevented a full determination of requirements. Without this vital system construction information, DEQ gave each well an additional system construction point to be conservative.

Table 3. Garden City Well Construction Summary Information.

Well	Well Depth (ft)	Water Table Depth (ft)	Casing: diameter/ thickness (in)	Casing: depth (ft)/ formation	Surface seal: depth (ft)/ formation	Screened Interval (ft)	Drill Year	Sanitary Survey Elements (A/B) ¹
#3	456	7.7	16/0.375	101/Hard blue shale	NI/NI	376-456 producing	1957	NI/NI
#4	391	11.2	20, 16/0.375; 10/0.365	371/Brown sand	18/River gravel	231-391	1973	NI/NI
#5	700	1.5	18, 16/0.375	441/Solid sticky gray clay	30/Gravel	138-168, 168-188, 515-615, 635-665	1992	NI/NI
#6	299	6.5	16/0.250; 12/0.312	287/Blue clay	61/Blue clay	219-229, 237-277	1978	NI/NI
#7	328	4.1	16, 12/0.312	298/Clay and shale	58/clay	203-209, 221-241, 268-288	1978	NI/NI
#8	665	Artesian	16/0.375; 12, 10/0.250	665/Sand with blue clay	23/Dirty sand and gravel	599-660	1985	NI/NI
#9	403	Artesian	16, 10/0.250	397/Gray clay	50/Grey clay	327-387	1990	NI/NI
#10	892	Artesian	24/0.375; 16/0.375	878/Gray clay	600/Gray clay	620-660, 675-705, 803-868	1993	NI/NI

¹ A = Well and surface seal in compliance; B = Protected from surface flooding

NI = no information was available

Potential Contaminant Source and Land Use

Land use scores vary from low to moderate for IOC's (i.e. nitrates, arsenic) and SOC's (i.e. pesticides), moderate to high for VOC's (i.e. petroleum products), and low for microbial contaminants (Table 4).

Those well delineations that contain a large number of sources in the 3-year TOT and land use that is predominantly urban and commercial rate high for VOC's. Except for the transportation corridors and a few agriculturally or solid waste related businesses, there are a limited number of potential contaminant sites that could add microbial contamination to the aquifer. As such, the wells rated low land use to microbial contamination.

Final Susceptibility Ranking

A detection above a drinking water standard MCL, any detection of a VOC or SOC, or a detection of total coliform bacteria or fecal coliform bacteria at the wellhead will automatically give a high susceptibility rating to a well despite the land use of the area because a pathway for contamination already exists. Additionally, storing potential contaminant sources within 50 feet of a wellhead will automatically lead to a high susceptibility rating. In this case, Well #4 rated automatically high for microbial contaminants due to the total coliform detection in February 1995. Well #5 rated automatically high for all contaminants due to the location of 48th Street within 50 feet of the wellhead. Well #6 rated automatically high due to the VOC detection of toluene in January 2000 (Table 4).

Hydrologic sensitivity and system construction scores are heavily weighted in the final scores. Having multiple potential contaminant sources in the 0- to 3-year TOT zone (Zone 1B) and agricultural land contribute greatly to the overall ranking. In terms of total susceptibility, Wells #3, #4, and #5 rate high susceptibility to all potential contaminant categories, Well #6 rates moderate susceptibility to all contaminants, except as noted above, and Wells #7, #8, #9, and #10 rates moderate susceptibility to all potential contaminant categories.

Table 4. Summary of Garden City Wells Susceptibility Evaluation

Water Source	Susceptibility Scores ¹									
	Hydrologic Sensitivity	Contaminant Inventory				System Construction	Final Susceptibility Ranking			
		IOC	VOC	SOC	Microbial		IOC	VOC	SOC	Microbials
#3	H	M	H	M	L	H	H	H	H	H
#4	M	M	H	M	L	H	H	H	H	H*
#5	M	M	H	M	L	H	H*	H*	H*	H*
#6	M	M	M	M	L	M	M	H*	M	M
#7	M	L	M	L	L	M	M	M	M	M
#8	M	M	M	M	L	H	M	M	M	M
#9	M	M	M	M	L	M	M	M	M	M
#10	M	M	M	M	L	M	M	M	M	M

¹H = High Susceptibility, M = Moderate Susceptibility, L = Low Susceptibility,

IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

* = Automatic high score due to any detection of a VOC, any potential contaminant source within 50 feet of the wellhead, or a confirmed detection of total coliform bacteria at the wellhead

Susceptibility Summary

In terms of total susceptibility, Wells #3, #4, and #5 rate high susceptibility to all potential contaminant categories, Well #6 rates moderate susceptibility to all contaminants, except VOCs, and Wells #7, #8, #9, and #10 rates moderate susceptibility to all potential contaminant categories. In this case, Well #4 rated automatically high for microbial contaminants due to the total coliform detection in February 1995. Well #5 rated automatically high for all contaminants due to the location of 48th Street within 50 feet of the wellhead. Well #6 rated automatically high due to the VOC detection of toluene in January 2000.

Sanitary surveys are the usual source of information regarding surface flooding protection and wellhead seal requirements. This lack of information increased the hydrologic sensitivity and the system construction scores, contributing to many of the high susceptibility ratings of the Garden City wells. If these sources of information could be provided, the overall scores would likely drop for the wells.

Current water chemistry problems that affect the Garden City water system pertain to the detection of the VOC toluene. Toluene is associated with discharges from petroleum businesses or factories. It can cause kidney, nervous system, and liver problems. Additionally, total coliform bacteria were detected at Well #4 in February 1995. In addition, coliform bacteria have been detected in the distribution system between 1995 to 1998, indicating a possible existing pathway for contamination. All of the delineations cross a priority area of the VOC PERC. Table 1 contains a listing of the regulated IOCs found during water chemistry tests. No SOCs have ever been detected.

Possibly associated with the total coliform detected in the system, trihalomethanes (disinfection by-products) have been detected in the wells. These contaminants are not considered problems with the source water but they are of concern due to their apparent health threat. These trihalomethanes are bromodichloromethane and chloroform. Though water cannot be totally free of by-products when disinfection is used, they can be reduced by treatment modifications. These disinfection by-products are formed when chlorine or bromine reacts with NOM. The formation of by-products is also affected by other factors such as pH, temperature, and dose of disinfectant. Trihalomethanes can cause an increased risk of cancer, liver, kidney, and nervous system problems in long term exposure.

Section 4. Options for Drinking Water Protection

The susceptibility assessment should be used as a basis for determining appropriate new protection measures or re-evaluating existing protection efforts. No matter what the susceptibility ranking a source receives, protection is always important. Whether the source is currently located in a “pristine” area or an area with numerous industrial and/or agricultural land uses that require surveillance, the way to ensure good water quality in the future is to act now to protect valuable water supply resources.

An effective drinking water protection program is tailored to the particular local drinking water protection area. A community with a fully developed drinking water protection program will incorporate many strategies. For Garden City, drinking water protection activities should first focus on documenting the maintenance of the well seal, sanitary seal, and flood protection. This information is usually found on sanitary surveys. These surveys are currently not required for large systems that test for microbial contamination more than five times per month.

As many of the delineations cover predominantly urban areas, there should be a strong public education program to make people aware that they live above the source of their drinking water. Additionally, storm water practices should be assessed. No potential contaminants, including roads, houses, or construction sites, should be allowed within 50 feet of any of the wellheads. As 48th Street is likely unable to be rerouted, Garden City should consider a secondary containment system to limit and avoid contamination associated with spills or releases.

Should microbial contamination become a problem, appropriate disinfection practices would need to be maintained in a way to protect the drinking water from disinfection by-products, a result of the disinfecting method. Though water cannot be totally free of by-products when disinfection is used, they can be reduced by treatment modifications. See http://www.epa.gov/safewater/mdbp/pdf/alter/chapt_2.gov for suggested processing controls.

Much of the designated protection areas are outside the direct jurisdiction of the Garden City, making collaboration and partnerships with state and local agencies, industry groups, and the City of Boise critical to the success of drinking water protection. All wells should maintain sanitary standards regarding wellhead protection. If the system should need to expand in the future, new well sites should be located in areas with as few potential sources of contamination as possible, and the site should be reserved and protected for this specific use.

Due to the time involved with the movement of ground water, drinking water protection activities should be aimed at long-term management strategies even though these strategies may not yield results in the near term. A strong public education program should be a primary focus of any drinking water protection plan as the delineation contains some urban and residential land uses. Public education topics could include proper lawn and garden care practices, household hazardous waste disposal methods, proper care and maintenance of septic systems, and the importance of water conservation to name but a few. There are multiple resources available to help communities implement protection programs, including the Drinking Water Program of the EPA. As there are transportation corridors through the delineations, the Idaho Department of Transportation should be involved in protection activities. Drinking water protection activities for agriculture should be coordinated with the Idaho State Department of Agriculture, the Soil Conservation Commission, the Ada Soil and Water Conservation District, and the Natural Resources Conservation Service.

A community must incorporate a variety of strategies in order to develop a comprehensive drinking water assessment protection plan, be they regulatory in nature (i.e. zoning, permitting) or non-regulatory in nature (i.e. good housekeeping, public education, specific best management practices). For assistance in developing protection strategies please contact the Boise Regional Office of the DEQ.

Any new wells that are installed as public water systems (PWSs) are required to follow current well construction standards. The Idaho Department of Water Resources *Well Construction Standards Rules* (1993) require all PWSs to follow DEQ standards as well. IDAPA 58.01.08.550 requires that PWSs follow the *Recommended Standards for Water Works* (1997) during construction.

Assistance

Public water supplies and others may call the following DEQ offices with questions about this assessment and to request assistance with developing and implementing a local protection plan. In addition, draft protection plans may be submitted to the DEQ office for preliminary review and comments.

Boise Regional DEQ Office (208) 373-0550

State DEQ Office (208) 373-0502

Website: <http://www.deq.state.id.us>

Water suppliers serving fewer than 10,000 persons may contact Melinda Harper, Idaho Rural Water Association, at (208) 373-7001 (mharper@idahoruralwater.com) for assistance with drinking water protections (formerly wellhead protection) strategies.

POTENTIAL CONTAMINANT INVENTORY

LIST OF ACRONYMS AND DEFINITIONS

AST (Aboveground Storage Tanks) – Sites with aboveground storage tanks.

Business Mailing List – This list contains potential contaminant sites identified through a yellow pages database search of standard industry codes (SIC).

CERCLIS – This includes sites considered for listing under the **Comprehensive Environmental Response Compensation and Liability Act (CERCLA)**. CERCLA, more commonly known as ASuperfund, is designed to clean up hazardous waste sites that are on the national priority list (NPL).

Cyanide Site – DEQ permitted and known historical sites/facilities using cyanide.

Dairy – Sites included in the primary contaminant source inventory represent those facilities regulated by Idaho State Department of Agriculture (ISDA) and may range from a few head to several thousand head of milking cows.

Deep Injection Well – Injection wells regulated under the Idaho Department of Water Resources generally for the disposal of stormwater runoff or agricultural field drainage.

Enhanced Inventory – Enhanced inventory locations are potential contaminant source sites added by the water system. These can include new sites not captured during the primary contaminant inventory, or corrected locations for sites not properly located during the primary contaminant inventory. Enhanced inventory sites can also include miscellaneous sites added by the Idaho Department of Environmental Quality (DEQ) during the primary contaminant inventory.

Floodplain – This is a coverage of the 100-year floodplains.

Group 1 Sites – These are sites that show elevated levels of contaminants and are not within the priority one areas.

Inorganic Priority Area – Priority one areas where greater than 25% of the wells/springs show constituents higher than primary standards or other health standards.

Landfill – Areas of open and closed municipal and non-municipal landfills.

LUST (Leaking Underground Storage Tank) – Potential contaminant source sites associated with leaking underground storage tanks as regulated under RCRA.

Mines and Quarries – Mines and quarries permitted through the Idaho Department of Lands.)

Nitrate Priority Area – Area where greater than 25% of wells/springs show nitrate values above 5mg/l.

NPDES (National Pollutant Discharge Elimination System) – Sites with NPDES permits. The Clean Water Act requires that any discharge of a pollutant to waters of the United States from a point source must be authorized by an NPDES permit.

Organic Priority Areas – These are any areas where greater than 25 % of wells/springs show levels greater than 1% of the primary standard or other health standards.

Recharge Point – This includes active, proposed, and possible recharge sites on the Snake River Plain.

RICRIS – Site regulated under **Resource Conservation Recovery Act (RCRA)**. RCRA is commonly associated with the cradle to grave management approach for generation, storage, and disposal of hazardous wastes.

SARA Tier II (Superfund Amendments and Reauthorization Act Tier II Facilities) – These sites store certain types and amounts of hazardous materials and must be identified under the Community Right to Know Act.

Toxic Release Inventory (TRI) – The toxic release inventory list was developed as part of the Emergency Planning and Community Right to Know (Community Right to Know) Act passed in 1986. The Community Right to Know Act requires the reporting of any release of a chemical found on the TRI list.

UST (Underground Storage Tank) – Potential contaminant source sites associated with underground storage tanks regulated as regulated under RCRA.

Wastewater Land Applications Sites – These are areas where the land application of municipal or industrial wastewater is permitted by DEQ.

Wellheads – These are drinking water well locations regulated under the Safe Drinking Water Act. They are not treated as potential contaminant sources.

NOTE: Many of the potential contaminant sources were located using a geocoding program where mailing addresses are used to locate a facility. Field verification of potential contaminant sources is an important element of an enhanced inventory.

Where possible, a list of potential contaminant sites unable to be located with geocoding will be provided to water systems to determine if the potential contaminant sources are located within the source water assessment area.

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Appendix A

Garden City Potential Contaminant Tables

Table A-1. Wells #3 and #5, Potential Contaminant Inventory

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
1, 55, 208, 397	LUST, Site Cleanup Incomplete , Impact: Potential GROUND WATER; UST,Industrial - Closed; Contractors-Equip/Supls-Dlrs/Svc; RCRA	0-3	Database Search	VOC, SOC
2, 321	LUST, Site Cleanup Incomplete , Impact: GROUND WATER; Batteries-Storage-Wholesale	0-3	Database Search	VOC, SOC
3	LUST, Site Cleanup Incomplete , Impact: GROUND WATER	0-3	Database Search	VOC, SOC
4, 41	LUST, Site Cleanup Incomplete , Impact: GROUND WATER; UST - open	0-3	Database Search	VOC, SOC
5	LUST, Site Cleanup Incomplete , Impact: GROUND WATER	0-3	Database Search	VOC, SOC
6, 54	LUST, Site Cleanup Completed , Impact: GROUND WATER; UST - closed	0-3	Database Search	VOC, SOC
7	LUST, Site Cleanup Completed , Impact: Unknown	0-3	Database Search	VOC, SOC
8, 25, 351	LUST, Site Cleanup Completed , Impact: Unknown; UST - closed; Truck Renting & Leasing	0-3	Database Search	VOC, SOC
9, 26, 331	LUST, Site Cleanup Completed , Impact: Unknown; UST - closed; Storage-Household & Commercial	0-3	Database Search	VOC, SOC
10, 27, 432, 440	LUST, Site Cleanup Completed , Impact: Unknown; UST - open; RCRA; SARA	0-3	Database Search	VOC, SOC
11, 43	LUST, Site Cleanup Completed , Impact: GROUND WATER; UST - closed	0-3	Database Search	VOC, SOC
12, 46, 330	LUST, Site Cleanup Completed , Impact: GROUND WATER; UST - closed; Contractors-Equipment & Supplies-Rent	0-3	Database Search	VOC, SOC
13, 47	LUST, Site Cleanup Completed , Impact: Unknown; UST - closed	0-3	Database Search	VOC, SOC
14, 48	LUST, Site Cleanup Completed , Impact: Unknown; UST - closed	0-3	Database Search	VOC, SOC
15, 51, 199	LUST, Site Cleanup Completed , Impact: GROUND WATER; UST - closed; Meat Processing	0-3	Database Search	IOC, VOC, SOC
16, 58, 434	LUST, Site Cleanup Completed , Impact: GROUND WATER; UST - closed; RCRA	0-3	Database Search	VOC, SOC
17, 33, 274	LUST, Site Cleanup Completed , Impact: Unlikely; UST - closed; Automobile Repairing and Service	0-3	Database Search	IOC, VOC, SOC
18, 442	LUST, Site Cleanup Incomplete , Impact: Potential GROUND WATER, SARA	0-3	Database Search	VOC, SOC
19	UST, Commercial; Closed	0-3	Database Search	VOC, SOC
20	UST, Commercial; Closed	0-3	Database Search	VOC, SOC
21	UST, Commercial; Closed	0-3	Database Search	VOC, SOC
22, 345	UST, Commercial; Closed; X-Ray Apparatus & Tubes	0-3	Database Search	VOC, SOC
23, 108, 390	UST, Auto Dealership; Closed; Automobile Dealers-New Cars; RCRA	0-3	Database Search	VOC, SOC
24	UST, Local Government; Open	0-3	Database Search	VOC, SOC
28	UST, Gas Station; Closed	0-3	Database Search	VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
29	UST,Contractor; Closed	0-3	Database Search	VOC, SOC
30	UST,Commercial; Closed	0-3	Database Search	VOC, SOC
31, 319	UST,Not Listed; Closed; General Contractors	0-3	Database Search	VOC, SOC
32	UST,Not Listed; Closed	0-3	Database Search	VOC, SOC
34	UST,State Government; Closed	0-3	Database Search	VOC, SOC
35	UST,Gas Station; Open	0-3	Database Search	VOC, SOC
36	UST,Not Listed; Closed	0-3	Database Search	VOC, SOC
37	UST,Gas Station; Open	0-3	Database Search	VOC, SOC
38	UST,Gas Station; Closed	0-3	Database Search	VOC, SOC
39	UST,Petroleum Distributor; Closed	0-3	Database Search	VOC, SOC
40	UST,Gas Station; Open	0-3	Database Search	VOC, SOC
42	UST,Other; Closed	0-3	Database Search	VOC, SOC
44	UST,Other; Closed	0-3	Database Search	VOC, SOC
45	UST,Truck/Transporter; Closed	0-3	Database Search	VOC, SOC
48	UST,Commercial; Closed	0-3	Database Search	VOC, SOC
49	UST,Commercial; Closed	0-3	Database Search	VOC, SOC
50	UST,Not Listed; Closed	0-3	Database Search	VOC, SOC
52	UST,Commercial; Closed	0-3	Database Search	VOC, SOC
53	UST,Not Listed; Closed	0-3	Database Search	VOC, SOC
56	UST,Industrial; Closed	0-3	Database Search	VOC, SOC
57	UST,Commercial; Closed	0-3	Database Search	VOC, SOC
59	Painters	0-3	Database Search	VOC, SOC
60	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
61	General Contractors	0-3	Database Search	IOC, VOC, SOC
62	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
63	Signs (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
64	Hydraulic Equipment-Repairing	0-3	Database Search	IOC, VOC, SOC
65	Buildings-Metal	0-3	Database Search	IOC, VOC, SOC
66	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
67	Wrecker Service	0-3	Database Search	IOC, VOC, SOC
68	Mobile Homes-Repairing & Service	0-3	Database Search	IOC, VOC, SOC
69	Welding	0-3	Database Search	IOC, VOC, SOC
70	Roofing Contractors	0-3	Database Search	IOC, VOC, SOC
71	Electronic Equipment & Supplies	0-3	Database Search	IOC, VOC, SOC
72	Automobile Renting & Leasing	0-3	Database Search	VOC, SOC
73	Signs (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
74	Boat Builders	0-3	Database Search	IOC, VOC, SOC
75	Tire-Dealers-Retail	0-3	Database Search	IOC, VOC, SOC
76	Laboratories-Analytical	0-3	Database Search	IOC, VOC, SOC
77	Sun Rooms	0-3	Database Search	IOC, VOC, SOC
78, 79	Automobile Renting & Leasing; Boat Dealers	0-3	Database Search	IOC, VOC, SOC
80	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
81	Storage-Household & Commercial	0-3	Database Search	IOC, VOC, SOC
82	Lawn Mowers-Sharpening & Repairing	0-3	Database Search	IOC, VOC, SOC
83	Printers	0-3	Database Search	IOC, VOC
84	Tire-Dealers-Retail	0-3	Database Search	IOC, VOC, SOC
85	Coatings-Protective (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
86	Boat Dealers	0-3	Database Search	IOC, VOC, SOC
87	Envelopes-Manufacturers	0-3	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
88	Parking Area Maintenance & Marking	0-3	Database Search	IOC, VOC, SOC
89	Excavating Contractors	0-3	Database Search	IOC, VOC, SOC
90	Florists-Wholesale	0-3	Database Search	IOC, VOC, SOC
91	Sheet Metal Work Contractors	0-3	Database Search	IOC, VOC, SOC
92	Mobile Homes-Repairing & Service	0-3	Database Search	IOC, VOC, SOC
93	Asbestos Removal Service	0-3	Database Search	IOC, VOC, SOC
94	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
95	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
96	Automobile Seatcovers Tops & Uphol	0-3	Database Search	IOC, VOC, SOC
97	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
98	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
99	Automobile & Truck Brokers	0-3	Database Search	VOC, SOC
100	Automobile Repair/Svc-Equip/Supl	0-3	Database Search	IOC, VOC, SOC
101	Sporting Goods-Manufacturers	0-3	Database Search	IOC, VOC, SOC
102	Machine Shops	0-3	Database Search	IOC, VOC, SOC
103	Trailer Hitches	0-3	Database Search	IOC, VOC, SOC
104	Brewers	0-3	Database Search	IOC, VOC, SOC
105, 388	Automobile Body-Repairing & Painting; RCRA	0-3	Database Search	IOC, VOC, SOC
106	Waste Removal-Medical	0-3	Database Search	IOC, VOC, SOC
107	Blueprinting	0-3	Database Search	IOC, VOC, SOC
109	Automobile Diagnostic Service	0-3	Database Search	IOC, VOC, SOC
110	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
111	Automobile Parts & Supplies-Retail	0-3	Database Search	IOC, VOC, SOC
112	Grinding-Precision & Production	0-3	Database Search	IOC, VOC, SOC
113	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
114	Automobile Machine Shop Service	0-3	Database Search	IOC, VOC, SOC
115	Electric Motors-Dlrs/Repairing	0-3	Database Search	IOC, VOC, SOC
116	Hydraulic Equipment-Repairing	0-3	Database Search	IOC, VOC, SOC
117	Painters	0-3	Database Search	IOC, VOC, SOC
118	Motorcycles & Motor Scooters-Supplies	0-3	Database Search	IOC, VOC, SOC
119	Forgings (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
120	Counter Tops-Manufacturers	0-3	Database Search	IOC, VOC, SOC
121	Stone-Natural	0-3	Database Search	IOC, VOC, SOC
122	Recreational Vehicles-Repairing	0-3	Database Search	IOC, VOC, SOC
123	Chemicals (Wholesale)	0-3	Database Search	IOC, VOC, SOC
124	Painters	0-3	Database Search	IOC, VOC, SOC
125	Van Conversions	0-3	Database Search	IOC, VOC, SOC
126	Oils-Fuel (Wholesale)	0-3	Database Search	IOC, VOC, SOC
127	Recycling Centers (Wholesale)	0-3	Database Search	IOC, VOC, SOC
128	Engines-Rebuilding & Exchanging	0-3	Database Search	IOC, VOC, SOC
129	Contractors-Equip/Supls-Dlrs/Svc	0-3	Database Search	IOC, VOC, SOC
130	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
131	Hardware-Wholesale	0-3	Database Search	IOC, VOC, SOC
132, 391	Automobile Dealers-Used Cars; RCRA	0-3	Database Search	IOC, VOC, SOC
133	Automobile Dealers-Used Cars	0-3	Database Search	IOC, VOC, SOC
134	Boat Dealers	0-3	Database Search	IOC, VOC, SOC
135	Car Washing/Polishing Equip/Supls	0-3	Database Search	IOC, VOC, SOC
136	Automobile Restoratn-Antique & Classic	0-3	Database Search	IOC, VOC, SOC
137	Automobile Parts & Supplies-Retail	0-3	Database Search	IOC, VOC, SOC
138	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
139	Printers	0-3	Database Search	IOC, VOC
140	Ceiling Cleaning	0-3	Database Search	IOC, VOC, SOC
141	Buildings-Metal	0-3	Database Search	IOC, VOC, SOC
142	Boat Repairing	0-3	Database Search	IOC, VOC, SOC
143	Florists-Wholesale	0-3	Database Search	IOC, VOC, SOC
144	Assembly & Fabricating Service	0-3	Database Search	IOC, VOC, SOC
145	Swimming Pool Contrs Dlr & Design	0-3	Database Search	IOC, VOC, SOC
146	Automobile Seatcovers Tops & Uphol	0-3	Database Search	IOC, VOC, SOC
147, 393	Painters; RCRA	0-3	Database Search	IOC, VOC, SOC
148	Store Fronts	0-3	Database Search	IOC, VOC, SOC
149	Signs (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
150	Tire-Dealers-Retail	0-3	Database Search	IOC, VOC, SOC
151	Motorcycles & Motor Scooters	0-3	Database Search	IOC, VOC, SOC
152	Automobile Parts & Supplies-Retail	0-3	Database Search	IOC, VOC, SOC
153	Newsletters (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
154	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
155	Sweeping Service-Power	0-3	Database Search	IOC, VOC, SOC
156	Meat Processing	0-3	Database Search	IOC, SOC, Microbials
157	Automobile Customizing	0-3	Database Search	IOC, VOC, SOC
158	Swimming Pool Contrs Dlr & Design	0-3	Database Search	IOC, VOC, SOC
159	Truck Equipment & Parts-Wholesale	0-3	Database Search	IOC, VOC, SOC
160	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
161	Motorcycles & Motor Scooters-Dealer	0-3	Database Search	IOC, VOC, SOC
162	Signs (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
163	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
164	Concrete Contractors	0-3	Database Search	IOC, VOC, SOC
165	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
166	Pest Control	0-3	Database Search	IOC, VOC, SOC
167	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
168	Car Washing & Polishing	0-3	Database Search	IOC, VOC, SOC
169	Motorcycles & Motor Scooters-Supplies	0-3	Database Search	IOC, VOC, SOC
170	Automobile Radiator-Repairing	0-3	Database Search	IOC, VOC, SOC
171	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
172	Mining Equipment (Wholesale)	0-3	Database Search	IOC, VOC, SOC
173	Boat Dealers	0-3	Database Search	IOC, VOC, SOC
174	Machine Shops	0-3	Database Search	IOC, VOC, SOC
175	Manufacturers	0-3	Database Search	IOC, VOC, SOC
176	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
177	Concrete Contractors	0-3	Database Search	IOC, VOC, SOC
178	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
179	State Government-Transportation	0-3	Database Search	IOC, VOC, SOC
180	Tank Removal	0-3	Database Search	IOC, VOC, SOC
181	Coatings-Protective (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
182, 394	Printers; RCRA	0-3	Database Search	IOC, VOC
183	Automobile Dealers-New Cars	0-3	Database Search	VOC, SOC
184	Home Improvements	0-3	Database Search	IOC, VOC, SOC
185	Building Contractors	0-3	Database Search	IOC, VOC, SOC
186	Metal Fabricators	0-3	Database Search	IOC, VOC, SOC
187	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
188	Sheet Metal Work Contractors	0-3	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
189	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
190	Remodeling/Repairing Bldg Contract	0-3	Database Search	IOC, VOC, SOC
191	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
192	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
193, 443	Oils-Fuel (Wholesale), SARA	0-3	Database Search	IOC, VOC, SOC
194	Lighting-Manufacturers	0-3	Database Search	IOC, VOC, SOC
195	Landscape Contractors	0-3	Database Search	IOC, VOC, SOC
196	General Contractors	0-3	Database Search	IOC, VOC, SOC
197	Painters	0-3	Database Search	IOC, VOC, SOC
198	Linen Supply Service	0-3	Database Search	IOC, VOC, SOC
200, 201	Storage-Household & Commercial; Warehouses-Merchandise	0-3	Database Search	IOC, VOC, SOC
202	General Contractors	0-3	Database Search	IOC, VOC, SOC
203	Electric Motors-Dlrs/Repairing	0-3	Database Search	IOC, VOC, SOC
204	Janitors Supplies (Wholesale)	0-3	Database Search	IOC, VOC, SOC
205	Service Industry Machinery NEC	0-3	Database Search	IOC, VOC, SOC
206	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
207	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
209	General Contractors	0-3	Database Search	IOC, VOC, SOC
210, 398	Signs (Manufacturers); RCRA	0-3	Database Search	IOC, VOC
211	Truck-Repairing & Service	0-3	Database Search	IOC, VOC, SOC
212	Janitor Service	0-3	Database Search	IOC, VOC, SOC
213	Automobile Dealers-Used Cars	0-3	Database Search	IOC, VOC, SOC
214	General Contractors	0-3	Database Search	IOC, VOC, SOC
215	Home Builders	0-3	Database Search	IOC, VOC, SOC
216	Sheet Metal Fabricators	0-3	Database Search	IOC, VOC, SOC
217	Automobile Parts-Warehouses	0-3	Database Search	IOC, VOC, SOC
218	Painters	0-3	Database Search	IOC, VOC, SOC
219	Painters	0-3	Database Search	IOC, VOC, SOC
220	Golf Cars & Carts	0-3	Database Search	IOC, VOC, SOC
221	Mobile Homes-Transporting	0-3	Database Search	IOC, VOC, SOC
222	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
223	Beverage Dispensing Equip/Supls	0-3	Database Search	IOC, VOC, SOC
224	Photographic Equip & Supplies	0-3	Database Search	IOC, VOC, SOC
225	Lighting Fixtures-Manufacturers	0-3	Database Search	IOC, VOC, SOC
226	Automobile Parts-Warehouses	0-3	Database Search	IOC, VOC, SOC
227	Stone-Natural	0-3	Database Search	IOC, VOC, SOC
228	Boat Repairing	0-3	Database Search	IOC, VOC, SOC
229	Trailer-Manufacturers	0-3	Database Search	IOC, VOC, SOC
230	Machine Shops	0-3	Database Search	IOC, VOC, SOC
231	Delivery Service	0-3	Database Search	IOC, VOC, SOC
232, 403	Waterproofing Contractors; RCRA	0-3	Database Search	IOC, VOC, SOC
233	Gas-Ind & Medical-Cylinder & Bulk	0-3	Database Search	IOC, VOC, SOC
234	Trailers-Camping & Travel	0-3	Database Search	IOC, VOC, SOC
235	Trucking-Motor Freight	0-3	Database Search	IOC, VOC, SOC
236, 404	Automobile Body-Repairing & Painting; RCRA	0-3	Database Search	IOC, VOC, SOC
237	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
238	Metal Fabricators	0-3	Database Search	IOC, VOC, SOC
239, 406	Furniture-Repairing & Refinishing; RCRA	0-3	Database Search	VOC, SOC
240	Axles	0-3	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
241	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
242	Home Builders	0-3	Database Search	IOC, VOC, SOC
243	Excavating Contractors	0-3	Database Search	IOC, VOC, SOC
244	Controls Control Sys'ts/Regulators	0-3	Database Search	IOC, VOC, SOC
245	Automobile Body Shop Equip/Supls	0-3	Database Search	IOC, VOC, SOC
246, 407	Tools-Electric (Wholesale); RCRA	0-3	Database Search	IOC, VOC, SOC
247	General Contractors	0-3	Database Search	IOC, VOC, SOC
248	Electric Motors-Dlrs/Repairing	0-3	Database Search	IOC, VOC, SOC
249	Recreational Vehicles	0-3	Database Search	IOC, VOC, SOC
250	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
251	Tobacco Products-Manufacturers	0-3	Database Search	IOC, VOC, SOC
252	Machine Shops	0-3	Database Search	IOC, VOC, SOC
253, 376, 408, 446	Coatings-Protective (Manufacturers); TRI site; RCRA; SARA	0-3	Database Search	IOC, VOC, SOC
254	Trailer Hitches	0-3	Database Search	IOC, VOC, SOC
255	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
256	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
257	Welding	0-3	Database Search	IOC, VOC, SOC
258	Recreational Vehicles	0-3	Database Search	IOC, VOC, SOC
259	Multimedia (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
260	Machine Shops	0-3	Database Search	IOC, VOC, SOC
261	Painters	0-3	Database Search	IOC, VOC, SOC
262	Metal Stamping (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
263	Electronic Equipment & Supplies	0-3	Database Search	IOC, VOC, SOC
264	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
265	Stone-Natural	0-3	Database Search	IOC, VOC, SOC
266	Machine Shops	0-3	Database Search	IOC, VOC, SOC
267	Motorcycles & Motor Scooters-Dealer	0-3	Database Search	IOC, VOC, SOC
268	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
269	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
270	Engines-Rebuilding & Exchanging	0-3	Database Search	IOC, VOC, SOC
271	Landscaping Equipment & Supplies	0-3	Database Search	IOC, VOC, SOC
272	Trailers-Repairing & Service	0-3	Database Search	IOC, VOC, SOC
273	Household Home & Farm Refrig	0-3	Database Search	IOC, VOC, SOC
275	Car Washing & Polishing	0-3	Database Search	IOC, VOC, SOC
276	Automobile Parts & Supplies-Retail	0-3	Database Search	IOC, VOC, SOC
277	General Contractors	0-3	Database Search	IOC, VOC, SOC
278	Automobile Parts & Supplies-Wholesale	0-3	Database Search	IOC, VOC, SOC
279	General Contractors	0-3	Database Search	IOC, VOC, SOC
280	Buildings-Metal	0-3	Database Search	IOC, VOC, SOC
281	Asbestos Removal Service	0-3	Database Search	IOC, VOC, SOC
282	Controls Control Sys'ts/Regulators	0-3	Database Search	IOC, VOC, SOC
283, 415	Automobile Body Shop Equip/Supls; RCRA	0-3	Database Search	IOC, VOC, SOC
284	Coatings-Protective (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
285	Service Station Equipment (Wholesale)	0-3	Database Search	IOC, VOC, SOC
286	Photographic Equipment-Repairing	0-3	Database Search	IOC, VOC
287	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
288, 437	Automobile Body-Repairing & Painting; RCRA	0-3	Database Search	IOC, VOC, SOC
289	Printers	0-3	Database Search	IOC, VOC, SOC
290	Lawn Maintenance	0-3	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
291	Photo Finishing-Custom	0-3	Database Search	IOC, VOC
292	Lawn Mowers	0-3	Database Search	IOC, VOC, SOC
293	Bookbinders Equipment & Supplies	0-3	Database Search	IOC, VOC, SOC
294, 418	Furniture-Stripping; RCRA	0-3	Database Search	IOC, VOC, SOC
295	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
296	Concrete Contractors	0-3	Database Search	IOC, VOC, SOC
297	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
298	Automobile Detail & Clean-Up Service	0-3	Database Search	IOC, VOC, SOC
299	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
300, 423	Automobile Body-Repairing & Painting; RCRA	0-3	Database Search	IOC, VOC, SOC
301	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
302	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
303	Wheel Alignment-Frame & Axle	0-3	Database Search	IOC, VOC, SOC
304	Recreational Vehicles	0-3	Database Search	IOC, VOC, SOC
305	Laboratories-Research & Development	0-3	Database Search	IOC, VOC, SOC
306	Pest Control	0-3	Database Search	IOC, VOC, SOC
307	Automobile Parts & Supplies-Retail	0-3	Database Search	IOC, VOC, SOC
308	General Contractors	0-3	Database Search	IOC, VOC, SOC
309	Screen Printing	0-3	Database Search	IOC, VOC, SOC
310	Recreational Vehicles	0-3	Database Search	IOC, VOC, SOC
311	Sheet Metal Fabricators	0-3	Database Search	IOC, VOC, SOC
312	Signs (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
313	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
314	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
315	Paint-Retail	0-3	Database Search	IOC, VOC, SOC
316	Carpet & Rug Cleaning Equip/Supls	0-3	Database Search	IOC, VOC, SOC
317	Motorcycles & Motor Scooters-Supplies	0-3	Database Search	IOC, VOC, SOC
318	Electric Equipment-Manufacturers	0-3	Database Search	IOC, VOC, SOC
320	Batteries-Storage-Wholesale	0-3	Database Search	IOC, VOC, SOC
322	Sheet Metal Work Contractors	0-3	Database Search	IOC, VOC, SOC
323	Automobile Racing Car Equipment	0-3	Database Search	IOC, VOC, SOC
324	Signs (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
325	Cleaning Compounds-Manufacturers	0-3	Database Search	IOC, VOC, SOC
326, 328	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
327	Labels-Paper (Manufacturers)	0-3	Database Search	IOC, VOC, SOC
329, 428	Automobile Dealers-New Cars; RCRA	0-3	Database Search	VOC, SOC
332	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
333	Trucking-Motor Freight	0-3	Database Search	VOC, SOC
334	Tree Service	0-3	Database Search	IOC, VOC, SOC
335	Automobile Parts & Supplies-Wholesale	0-3	Database Search	IOC, VOC, SOC
336	Photo Finishing-Retail	0-3	Database Search	IOC, VOC
337	Automobile Suspensions	0-3	Database Search	IOC, VOC, SOC
338	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
339, 430	Motor Homes-Repairing & Service; RCRA	0-3	Database Search	IOC, VOC, SOC
340	Machine Tools (Wholesale)	0-3	Database Search	IOC, VOC, SOC
341	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
342	Wrecker Service	0-3	Database Search	IOC, VOC, SOC
343	Trailers-Camping & Travel	0-3	Database Search	IOC, VOC, SOC
344	Jewelry-Manufacturers	0-3	Database Search	IOC, VOC, SOC
346	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
347	Machine Shops	0-3	Database Search	IOC, VOC, SOC
348	Tube-Bending & Fabricating	0-3	Database Search	IOC, VOC, SOC
349	X-Ray Apparatus & Tubes (Mfrs)	0-3	Database Search	IOC, VOC, SOC
350	Hydraulic Equipment & Supplies	0-3	Database Search	IOC, VOC, SOC
352	Truck Renting & Leasing	0-3	Database Search	VOC, SOC
353	Delivery Service	0-3	Database Search	IOC, VOC, SOC
354	Federal Government-National Security	0-3	Database Search	IOC, VOC, SOC
355, 433	Automobile Body-Repairing & Painting; RCRA	0-3	Database Search	IOC, VOC, SOC
356	Lawn & Garden Equip & Supplies	0-3	Database Search	IOC, VOC, SOC
357	Furniture-Repairing & Refinishing	0-3	Database Search	VOC, SOC
358	Automobile Repairing & Service	0-3	Database Search	IOC, VOC, SOC
359	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
360	Machinery-Rebuilding & Repairing	0-3	Database Search	IOC, VOC, SOC
361	Hot Tubs & Spas-Manufacturers	0-3	Database Search	IOC, VOC, SOC
362	Boat Dealers	0-3	Database Search	IOC, VOC, SOC
363	Steel Fabricators	0-3	Database Search	IOC, VOC, SOC
364	Steel Fabricators	0-3	Database Search	IOC, VOC, SOC
365	Automobile Detail & Clean-Up Service	0-3	Database Search	IOC, VOC, SOC
366	Compactors-Waste-Industrial/Com	0-3	Database Search	IOC, VOC, SOC
367	Automobile Dealers-Used Cars	0-3	Database Search	IOC, VOC, SOC
368	Automobile Body-Repairing & Painting	0-3	Database Search	IOC, VOC, SOC
369	Janitor Service	0-3	Database Search	IOC, VOC, SOC
370	Car Washing & Polishing	0-3	Database Search	IOC, VOC, SOC
371	Automobile Detail & Clean-Up Service	0-3	Database Search	IOC, VOC, SOC
372	General Contractors	0-3	Database Search	IOC, VOC, SOC
373, 435	Signs (Manufacturers); RCRA	0-3	Database Search	IOC, VOC, SOC
374	Automobile Restoratn-Antique & Classic	0-3	Database Search	IOC, VOC, SOC
375	NPDES	0-3	Database Search	IOC, Microbials
377	CERCLA Site	0-3	Database Search	IOC, VOC, SOC
378	CERCLA Site	0-3	Database Search	IOC, VOC, SOC
379	RCRA	0-3	Database Search	IOC, VOC, SOC
380	RCRA	0-3	Database Search	IOC, VOC, SOC
381, 444	RCRA; SARA	0-3	Database Search	IOC, VOC, SOC
382	RCRA	0-3	Database Search	IOC, VOC, SOC
383	RCRA	0-3	Database Search	IOC, VOC, SOC
384	RCRA	0-3	Database Search	IOC, VOC, SOC
385	RCRA	0-3	Database Search	IOC, VOC, SOC
386	RCRA	0-3	Database Search	IOC, VOC, SOC
387	RCRA	0-3	Database Search	IOC, VOC, SOC
389	RCRA	0-3	Database Search	IOC, VOC, SOC
392	RCRA	0-3	Database Search	IOC, VOC, SOC
395	RCRA	0-3	Database Search	IOC, VOC, SOC
396	RCRA	0-3	Database Search	IOC, VOC, SOC
399	RCRA	0-3	Database Search	IOC, VOC, SOC
400	RCRA	0-3	Database Search	IOC, VOC, SOC
401	RCRA	0-3	Database Search	IOC, VOC, SOC
402	RCRA	0-3	Database Search	IOC, VOC, SOC
405	RCRA	0-3	Database Search	IOC, VOC, SOC
409	RCRA	0-3	Database Search	IOC, VOC, SOC
410	RCRA	0-3	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
411	RCRA	0-3	Database Search	IOC, VOC, SOC
412	RCRA	0-3	Database Search	IOC, VOC, SOC
413	RCRA	0-3	Database Search	IOC, VOC, SOC
414	RCRA	0-3	Database Search	IOC, VOC, SOC
415	RCRA	0-3	Database Search	IOC, VOC, SOC
416, 577	RCRA	0-3	Database Search	IOC, VOC, SOC
417	RCRA	0-3	Database Search	IOC, VOC, SOC
419	RCRA	0-3	Database Search	IOC, VOC, SOC
420	RCRA	0-3	Database Search	IOC, VOC, SOC
421	RCRA	0-3	Database Search	IOC, VOC, SOC
422	RCRA	0-3	Database Search	IOC, VOC, SOC
424	RCRA	0-3	Database Search	IOC, VOC, SOC
425, 426	RCRA	0-3	Database Search	IOC, VOC, SOC
427	RCRA	0-3	Database Search	IOC, VOC, SOC
429	RCRA	0-3	Database Search	IOC, VOC, SOC
431	RCRA	0-3	Database Search	IOC, VOC, SOC
436	RCRA	0-3	Database Search	IOC, VOC, SOC
438	Sand & Gravel	0-3	Database Search	IOC, VOC, SOC, Microbials
439	Sand & Gravel	0-3	Database Search	IOC, VOC, SOC, Microbials
441	SARA	0-3	Database Search	VOC, SOC
442	SARA	0-3	Database Search	IOC, VOC, SOC
445	SARA	0-3	Database Search	IOC, VOC, SOC
447	SARA	0-3	Database Search	IOC, VOC, SOC
448	SARA	0-3	Database Search	IOC, VOC, SOC
449	Group 1	0-3	Database Search	IOC, VOC, SOC
	Highway 20/26	0-3	GIS Map	IOC, VOC, SOC, Microbials
	Fairview Avenue	0-3	GIS Map	IOC, VOC, SOC, Microbials
450, 499, 610	LUST, Site Cleanup Incomplete , Impact: Unknown; Trucking-Motor Freight; RCRA	3-6	Database Search	VOC, SOC
451	LUST, Site Cleanup Completed , Impact: GROUND WATER	3-6	Database Search	VOC, SOC
452	Lust, Site Cleanup Incomplete , Impact: Unknown	3-6	Database Search	VOC, SOC
453	LUST, Site Cleanup Completed , Impact: GROUND WATER	3-6	Database Search	VOC, SOC
454, 462, 465, 523	LUST, Site Cleanup Completed , Impact: GROUND WATER; LUST, Site Cleanup Completed , Impact: Unknown; UST - open; Buses-Charter & Rental	3-6	Database Search	VOC, SOC
455	LUST, Site Cleanup Completed , Impact: Unknown	3-6	Database Search	VOC, SOC
456, 469, 566	LUST, Site Cleanup Completed , Impact: GROUND WATER; UST - closed; Cemeteries	3-6	Database Search	VOC, SOC
457	LUST, Site Cleanup Completed , Impact: GROUND WATER	3-6	Database Search	VOC, SOC
458, 471	LUST, Site Cleanup Completed , Impact: GROUND WATER; UST, Truck/Transporter; Closed	3-6	Database Search	VOC, SOC
459, 468	LUST, Site Cleanup Completed , Impact: GROUND WATER; UST - closed	3-6	Database Search	VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
460, 473	LUST, Site Cleanup Completed , Impact: GROUND WATER; UST, State Government; Closed	3-6	Database Search	VOC, SOC
461, 485	LUST, Site Cleanup Completed , Impact: GROUND WATER; Gas Station; Closed	3-6	Database Search	VOC, SOC
462	LUST, Site Cleanup Completed , Impact: Unknown	3-6	Database Search	VOC, SOC
463, 493	LUST, Site Cleanup Incomplete , Impact: POSSIBLE GROUND WATER; UST - closed	3-6	Database Search	VOC, SOC
464	UST, Not Listed; Closed	3-6	Database Search	VOC, SOC
466	UST, Utilities; Closed	3-6	Database Search	VOC, SOC
467, 591, 642	UST, Gas Station; Open; Service Stations-Gasoline & Oil; SARA	3-6	Database Search	VOC, SOC
470	UST, Local Government; Closed	3-6	Database Search	VOC, SOC
472	UST, Truck/Transporter; Closed	3-6	Database Search	VOC, SOC
474	UST, Contractor; Closed	3-6	Database Search	VOC, SOC
475	UST, Gas Station; Open	3-6	Database Search	VOC, SOC
546, 636, 645	Petroleum Products; SARA; AST	3-6	Database Search	VOC, SOC
476, 637	UST - Open; SARA	3-6	Database Search	VOC, SOC
477	UST, Federal Non-Military; Closed	3-6	Database Search	VOC, SOC
478	UST, Not Listed; Closed	3-6	Database Search	VOC, SOC
479, 513	UST, Other; Closed; Wrecker Service	3-6	Database Search	IOC, VOC, SOC
480	UST, Auto Dealership; Closed	3-6	Database Search	VOC, SOC
481	UST, Gas Station; Open	3-6	Database Search	VOC, SOC
482	UST, Gas Station; Open	3-6	Database Search	VOC, SOC
483	UST, Not Listed; Closed	3-6	Database Search	VOC, SOC
484	UST, Gas Station; Open	3-6	Database Search	VOC, SOC
485	UST, Gas Station; Closed	3-6	Database Search	VOC, SOC
486, 641	UST, Gas Station; Open; SARA	3-6	Database Search	VOC, SOC
487	UST, Gas Station; Closed	3-6	Database Search	VOC, SOC
488	UST, Auto Dealership; Closed	3-6	Database Search	VOC, SOC
489, 519	UST, Other; Closed; Automobile Repairing & Service	3-6	Database Search	VOC, SOC
490	UST, Other; Closed	3-6	Database Search	VOC, SOC
491	UST, Truck/Transporter; Closed	3-6	Database Search	VOC, SOC
492, 613	UST, Other; Closed; RCRA	3-6	Database Search	VOC, SOC
494	Landscape Contractors	3-6	Database Search	IOC, VOC, SOC
495	Delivery Service	3-6	Database Search	IOC, VOC, SOC
496	Janitor Service	3-6	Database Search	IOC, VOC, SOC
497	Photographers-Portrait	3-6	Database Search	IOC, VOC, SOC
498	Glass Coating & Tinting	3-6	Database Search	IOC, VOC, SOC
500, 612	Waste Disposal-Hazardous; RCRA	3-6	Database Search	IOC, VOC, SOC
501	Livestock Buyers	3-6	Database Search	IOC, VOC, SOC
502	Movers	3-6	Database Search	IOC, VOC, SOC
503	Repair Shops & Related Services	3-6	Database Search	IOC, VOC, SOC
504	Campgrounds	3-6	Database Search	IOC, VOC, SOC
505	Transportation	3-6	Database Search	IOC, VOC, SOC
506	Floor Refinishing & Resurfacing	3-6	Database Search	IOC, VOC, SOC
507	Sewing Contractors	3-6	Database Search	IOC, VOC, SOC
508	Aircraft Charter Rental & Leasing	3-6	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
509	Signs (Manufacturers)	3-6	Database Search	IOC, VOC, SOC
510	Jewelry-Manufacturers	3-6	Database Search	IOC, VOC, SOC
511	Automobile Parts & Supplies-Retail	3-6	Database Search	IOC, VOC, SOC
512	Automobile Body-Repairing & Painting	3-6	Database Search	IOC, VOC, SOC
514	Painters	3-6	Database Search	IOC, VOC, SOC
515	Sewage Disposal Systems	3-6	Database Search	IOC, VOC, SOC
516	Printers	3-6	Database Search	IOC, VOC
517	Automobile Dealers-Used Cars	3-6	Database Search	VOC, SOC
518	Truck Renting & Leasing	3-6	Database Search	VOC, SOC
520	Boat Dealers	3-6	Database Search	IOC, VOC, SOC
521	Parking Area Maintenance & Marking	3-6	Database Search	IOC, VOC, SOC
522	Road Service-Automotive	3-6	Database Search	IOC, VOC, SOC
524	Automobile Parts & Supplies-Retail	3-6	Database Search	IOC, VOC, SOC
525	Automobile Dealers-Used Cars	3-6	Database Search	VOC, SOC
526	Tire-Dealers-Retail	3-6	Database Search	IOC, VOC, SOC
527	Automobile Repairing & Service	3-6	Database Search	IOC, VOC, SOC
528	Janitors Supplies (Wholesale)	3-6	Database Search	IOC, VOC, SOC
529	Tile-Ceramic-Contractors & Dealers	3-6	Database Search	IOC, VOC, SOC
530	Fishing Tackle-Manufacturers	3-6	Database Search	IOC, VOC, SOC
531	Photo Finishing-Retail	3-6	Database Search	IOC, VOC
532	Painters	3-6	Database Search	IOC, VOC, SOC
533	General Contractors	3-6	Database Search	IOC, VOC, SOC
534	Automobile Dealers-Used Cars	3-6	Database Search	VOC, SOC
535	Automobile Dealers-Used Cars	3-6	Database Search	VOC, SOC
536	Automobile Renting & Leasing	3-6	Database Search	VOC, SOC
537	Janitor Service	3-6	Database Search	IOC, VOC, SOC
538	Grease Traps (Cleaning Service)	3-6	Database Search	IOC, VOC, SOC
539	Automobile Repairing & Service	3-6	Database Search	IOC, VOC, SOC
540	Fishing Tackle-Manufacturers	3-6	Database Search	IOC, VOC, SOC
541	Photographers-Portrait	3-6	Database Search	IOC, VOC
542	Transmissions-Automobile	3-6	Database Search	IOC, VOC, SOC
543	Asbestos Removal Service	3-6	Database Search	IOC, VOC, SOC
544	Automobile Parts & Supplies-Retail	3-6	Database Search	IOC, VOC, SOC
545	Automobile Dealers-Used Cars	3-6	Database Search	VOC, SOC
547	Landscape Contractors	3-6	Database Search	IOC, VOC, SOC
548	Electric Equipment & Supplies-Wholesale	3-6	Database Search	IOC, VOC, SOC
549	Automobile Repairing & Service	3-6	Database Search	IOC, VOC, SOC
550	Automobile Dealers-New Cars	3-6	Database Search	VOC, SOC
551	Carpet & Rug Cleaners	3-6	Database Search	IOC, VOC, SOC
552	Color Sprtns-Offset Photo Engrave	3-6	Database Search	IOC, VOC, SOC
553	Automobile Electric Service	3-6	Database Search	IOC, VOC, SOC
554	Building Contractors	3-6	Database Search	IOC, VOC, SOC
555	Material Handling Equipment (Wholesale)	3-6	Database Search	IOC, VOC, SOC
556	Newspapers (Publishers)	3-6	Database Search	IOC, VOC, SOC
557	Newspapers (Publishers)	3-6	Database Search	IOC, VOC, SOC
558	Publishers-Periodical	3-6	Database Search	IOC, VOC, SOC
559	Artists-Commercial	3-6	Database Search	IOC, VOC, SOC
560	Industrial Equipment & Supplies	3-6	Database Search	IOC, VOC, SOC
561	Carpet & Rug Repairing	3-6	Database Search	IOC, VOC, SOC
562	Publishers-Periodical	3-6	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
563	Artists-Commercial	3-6	Database Search	IOC, VOC, SOC
564	Publishers-Book	3-6	Database Search	IOC, VOC, SOC
565	Mufflers & Exhaust Systems-Engine	3-6	Database Search	IOC, VOC, SOC
566	Cemeteries	3-6	Database Search	IOC, VOC, SOC
567	Drapery & Curtain Cleaners	3-6	Database Search	IOC, VOC, SOC
568	Photographers-Portrait	3-6	Database Search	IOC, VOC
569, 621	Printers; RCRA	3-6	Database Search	IOC, VOC
570	Bus Lines	3-6	Database Search	IOC, VOC, SOC
571	Trucking-Motor Freight	3-6	Database Search	VOC, SOC
572	Welding	3-6	Database Search	IOC, VOC, SOC
573, 622	Automobile Body-Repairing & Painting; RCRA	3-6	Database Search	IOC, VOC, SOC
574	Patio Porch & Deck Enclosures	3-6	Database Search	IOC, VOC, SOC
575	Automobile Dealers-Used Cars	3-6	Database Search	VOC, SOC
576	Trucking-Local Cartage	3-6	Database Search	VOC, SOC
578	Service Stations-Gasoline & Oil	3-6	Database Search	IOC, VOC, SOC
579	Automobile Dealers-Used Cars	3-6	Database Search	VOC, SOC
580	Color Sprtns-Offset Photo Engrave	3-6	Database Search	IOC, VOC
581	Material Handling Equipment	3-6	Database Search	IOC, VOC, SOC
582	Funeral Directors	3-6	Database Search	IOC, VOC
583	Publishers-Book	3-6	Database Search	IOC, VOC, SOC
584	Newsletters (Manufacturers)	3-6	Database Search	IOC, VOC, SOC
585, 624	Automobile Dealers-New Cars; RCRA	3-6	Database Search	VOC, SOC
586, 625	Automobile Dealers-New Cars; RCRA	3-6	Database Search	VOC, SOC
587	General Contractors	3-6	Database Search	IOC, VOC, SOC
588	Landscape Contractors	3-6	Database Search	IOC, VOC, SOC
589	Recreational Vehicles-Wholesale	3-6	Database Search	IOC, VOC, SOC
590	Controls Control Systems/Reglatrs	3-6	Database Search	IOC, VOC, SOC
592	Home Improvements	3-6	Database Search	IOC, VOC, SOC
593	Petroleum Products-Manufacturers	3-6	Database Search	IOC, VOC, SOC
594	Buses-Charter & Rental	3-6	Database Search	IOC, VOC, SOC
595	Nurserymen	3-6	Database Search	IOC, VOC, SOC
596	Copying Machines & Supplies-Mfrs	3-6	Database Search	IOC, VOC, SOC
597	Publishers-Book	3-6	Database Search	IOC, VOC, SOC
598	Automobile Dealers-Used Cars	3-6	Database Search	VOC, SOC
599	Lawn Maintenance	3-6	Database Search	IOC, VOC, SOC
600	Automobile Repairing & Service	3-6	Database Search	IOC, VOC, SOC
601	Excavating Contractors	3-6	Database Search	IOC, VOC, SOC
602	Truck Renting & Leasing	3-6	Database Search	VOC, SOC
603	Truck Renting & Leasing	3-6	Database Search	VOC, SOC
604	Service Station Equipment	3-6	Database Search	IOC, VOC, SOC
605	Laundries	3-6	Database Search	IOC, VOC, SOC
606	Delivery Service	3-6	Database Search	IOC, VOC, SOC
607	NPDES	3-6	Database Search	IOC, VOC, SOC
608	CERCLA	3-6	Database Search	IOC, VOC, SOC
609, 623	CERCLA; RCRA	3-6	Database Search	IOC, VOC, SOC
611	RCRA	3-6	Database Search	IOC, VOC, SOC
614	RCRA	3-6	Database Search	IOC, VOC, SOC
615	RCRA	3-6	Database Search	IOC, VOC, SOC
616	RCRA	3-6	Database Search	IOC, VOC, SOC
617	RCRA	3-6	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
618	RCRA	3-6	Database Search	IOC, VOC, SOC
619	RCRA	3-6	Database Search	IOC, VOC, SOC
620	RCRA	3-6	Database Search	IOC, VOC, SOC
626	RCRA	3-6	Database Search	IOC, VOC, SOC
627	RCRA	3-6	Database Search	IOC, VOC, SOC
628	RCRA	3-6	Database Search	IOC, VOC, SOC
629	RCRA	3-6	Database Search	IOC, VOC, SOC
630	Sand & Gravel	3-6	Database Search	IOC, VOC, SOC
631	Sand & Gravel	3-6	Database Search	IOC, VOC, SOC
632	Sand & Gravel	3-6	Database Search	IOC, VOC, SOC
633	Sand & Gravel	3-6	Database Search	IOC, VOC, SOC
634	Sand & Gravel	3-6	Database Search	IOC, VOC, SOC
635	SARA	3-6	Database Search	VOC, SOC
638	SARA	3-6	Database Search	VOC, SOC
639	SARA	3-6	Database Search	IOC, VOC, SOC
640	SARA	3-6	Database Search	VOC, SOC
643	SARA	3-6	Database Search	IOC, VOC, SOC
644	SARA	3-6	Database Search	VOC, SOC
646	Group1	3-6	Database Search	VOC, SOC
647	Group1	3-6	Database Search	VOC, SOC
	Americana Blvd.	3-6	GIS Map	IOC, VOC, SOC
648	LUST, Site Cleanup Incomplete , Impact: GROUND WATER	6-10	Database Search	VOC, SOC
649, 661	LUST, Site Cleanup Completed , Impact: GROUND WATER; UST - closed	6-10	Database Search	VOC, SOC
650, 657, 712	LUST, Site Cleanup Completed , Impact: Unknown; UST - open; Service Stations-Gasoline & Oil	6-10	Database Search	VOC, SOC
651	LUST, Site Cleanup Completed , Impact: Unknown	6-10	Database Search	VOC, SOC
652, 658	LUST, Site Cleanup Completed , Impact: Unknown; Gas Station; Closed	6-10	Database Search	VOC, SOC
653	LUST, Site Cleanup Completed , Impact: Unknown	6-10	Database Search	VOC, SOC
654	LUST, Site Cleanup Completed , Impact: Unknown	6-10	Database Search	VOC, SOC
655	LUST, Site Cleanup Incomplete , Impact: Unknown	6-10	Database Search	VOC, SOC
656	UST, Not Listed; Closed	6-10	Database Search	VOC, SOC
659	UST, Gas Station; Closed	6-10	Database Search	VOC, SOC
660, 781	UST, Truck/Transporter; Closed; RCRA	6-10	Database Search	VOC, SOC
662, 696	UST, Gas Station - Open; Service Stations-Gasoline & Oil	6-10	Database Search	VOC, SOC
663	UST, Gas Station; Open	6-10	Database Search	VOC, SOC
664	UST, Gas Station; Closed	6-10	Database Search	VOC, SOC
665, 666	UST, Gas Station; Open	6-10	Database Search	VOC, SOC
667, 789	UST, Gas Station; Open; SARA	6-10	Database Search	VOC, SOC
668	UST, State Government; Closed	6-10	Database Search	VOC, SOC
669	UST, Gas Station; Open	6-10	Database Search	VOC, SOC
670	UST, Other; Closed	6-10	Database Search	VOC, SOC
671	UST, Commercial; Closed	6-10	Database Search	VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
672	UST, Residential; Closed	6-10	Database Search	VOC, SOC
673, 716	UST - closed; Automobile Dealers-Used Cars	6-10	Database Search	IOC, VOC, SOC
674, 697	UST, Industrial - Closed; Rental Service-Stores & Yards	6-10	Database Search	VOC, SOC
675	UST, Railroad; Closed	6-10	Database Search	VOC, SOC
676	Taxicabs	6-10	Database Search	IOC, VOC, SOC
677	Automobile Detail & Clean-Up Service	6-10	Database Search	IOC, VOC, SOC
678	Remodeling/Repairing Bldg Contract	6-10	Database Search	IOC, VOC, SOC
679	Printing Equipment-Repairing	6-10	Database Search	IOC, VOC
680	Radio/Tv Broadcasting/Comm Equip	6-10	Database Search	IOC, VOC, SOC
681	Tire-Dealers-Retail	6-10	Database Search	IOC, VOC, SOC
682	Demolition Contractors	6-10	Database Search	IOC, VOC, SOC
683	Semiconductor Devices (Manufacture)	6-10	Database Search	IOC, VOC, SOC
684	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
685	Automobile Parts & Supplies-Retail	6-10	Database Search	IOC, VOC, SOC
686	Steel Erectors	6-10	Database Search	IOC, VOC, SOC
687	Cleaners	6-10	Database Search	VOC
688	Carpet & Rug Cleaners	6-10	Database Search	VOC
689	Motorcycles & Motor Scooters	6-10	Database Search	IOC, VOC, SOC
690	General Contractors	6-10	Database Search	IOC, VOC, SOC
691	Landscape Contractors	6-10	Database Search	IOC, VOC, SOC
692	Contractors-Equipment & Supls	6-10	Database Search	IOC, VOC, SOC
693	Tile-Ceramic-Contractors & Dealers	6-10	Database Search	IOC, VOC, SOC
694	Automobile Radiator-Repairing	6-10	Database Search	IOC, VOC, SOC
695	Tree Service	6-10	Database Search	IOC, VOC, SOC
698	Automobile Renting & Leasing	6-10	Database Search	VOC, SOC
699	Bicycles-Dealers	6-10	Database Search	IOC, VOC, SOC
700	Lawn Maintenance	6-10	Database Search	IOC, VOC, SOC
701	Carpet & Rug Cleaners	6-10	Database Search	VOC
702	Newspapers (Publishers)	6-10	Database Search	IOC, VOC, SOC
703	Artists-Commercial	6-10	Database Search	IOC, VOC, SOC
704	Lawn Maintenance	6-10	Database Search	IOC, VOC, SOC
705	Boat Repairing	6-10	Database Search	IOC, VOC, SOC
706, 780	Automobile Body-Repairing & Painting; RCRA	6-10	Database Search	IOC, VOC, SOC
707	Contractors-Equip/Supls-Dlrs/Svc	6-10	Database Search	IOC, VOC, SOC
708	Cleaners	6-10	Database Search	IOC, VOC, SOC
709	Landscape Contractors	6-10	Database Search	IOC, VOC, SOC
710	Phonograph Record/Prerecorded Tape	6-10	Database Search	IOC, VOC, SOC
711	Landscape Contractors	6-10	Database Search	IOC, VOC, SOC
713	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
714	Photographs-Stock	6-10	Database Search	IOC, VOC
715	Car Washing & Polishing	6-10	Database Search	IOC, VOC, SOC
717	Contractors-Equip/Supls-Dlrs/Svc	6-10	Database Search	IOC, VOC, SOC
718	Floor Refinishing & Resurfacing	6-10	Database Search	VOC, SOC
719	Automobile Renting & Leasing	6-10	Database Search	VOC, SOC
720	Landscape Contractors	6-10	Database Search	IOC, VOC, SOC
721	Radio/Tv Broadcasting/Comm Equip	6-10	Database Search	IOC, VOC, SOC
722	Washers-Pressure	6-10	Database Search	IOC, VOC, SOC
723	Lawn Mowers	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
724	Printers	6-10	Database Search	IOC, VOC
725	Landscape Contractors	6-10	Database Search	IOC, VOC, SOC
726	Remodeling/Repairing Bldg Contract	6-10	Database Search	IOC, VOC, SOC
727	Automobile Electric Service	6-10	Database Search	IOC, VOC, SOC
728	Photographic Equip & Supplies	6-10	Database Search	IOC, VOC, SOC
729	Prepared Fresh-Frzn Fish/Seafoods	6-10	Database Search	IOC, VOC, SOC
730	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
731	Tree Service	6-10	Database Search	IOC, VOC, SOC
732	Property Maintenance	6-10	Database Search	IOC, VOC, SOC
733	Janitor Service	6-10	Database Search	VOC
734, 782	Printers; RCRA	6-10	Database Search	IOC, VOC
735	Toys-Manufacturers	6-10	Database Search	IOC, VOC, SOC
736	Wheel Alignment-Frame & Axle Svc	6-10	Database Search	IOC, VOC, SOC
737	Photographers-Commercial	6-10	Database Search	IOC, VOC
738	Electric Equipment-Manufacturers	6-10	Database Search	IOC, VOC, SOC
739	Pest Control	6-10	Database Search	IOC, VOC, SOC
740	Candy & Confectionery-Manufacturer	6-10	Database Search	IOC, VOC, SOC
741	Printers	6-10	Database Search	IOC, VOC
742	Printers	6-10	Database Search	IOC, VOC
743	Janitor Service	6-10	Database Search	VOC
744	Janitor Service	6-10	Database Search	VOC
745	Excavating Contractors	6-10	Database Search	IOC, VOC, SOC
746	General Contractors	6-10	Database Search	IOC, VOC, SOC
747	General Contractors	6-10	Database Search	IOC, VOC, SOC
748	Lawn Maintenance	6-10	Database Search	IOC, VOC, SOC
749	Multimedia (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
750	Office Machines NEC (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
751, 783	Automobile Body-Repairing & Painting; RCRA	6-10	Database Search	IOC, VOC, SOC
752, 784	Printers; RCRA	6-10	Database Search	IOC, VOC
753	Washers-Pressure	6-10	Database Search	IOC, VOC, SOC
754	Painters	6-10	Database Search	VOC, SOC
755	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
756	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
757	Fish Hatcheries	6-10	Database Search	IOC, VOC, SOC
758	Car Washing/Polishing Equip/Supls	6-10	Database Search	IOC, VOC, SOC
759	Home Builders	6-10	Database Search	IOC, VOC, SOC
760, 761, 770	Veterinarians Equipment & Supls; Veterinarians	6-10	Database Search	IOC, VOC, SOC
762	Painters	6-10	Database Search	VOC, SOC
763	General Contractors	6-10	Database Search	IOC, VOC, SOC
764	Storage-Household & Commercial	6-10	Database Search	IOC, VOC, SOC
765	General Contractors	6-10	Database Search	IOC, VOC, SOC
766	Publishers-Book	6-10	Database Search	IOC, VOC, SOC
767	General Contractors	6-10	Database Search	IOC, VOC, SOC
768	Printers	6-10	Database Search	IOC, VOC
769	Well Drilling	6-10	Database Search	IOC, VOC, SOC
771	General Contractors	6-10	Database Search	IOC, VOC, SOC
772	Carpet & Rug Repairing	6-10	Database Search	IOC, VOC, SOC
773	Floor Refinishing & Resurfacing	6-10	Database Search	IOC, VOC, SOC
774	Roofing Contractors	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
775	Typesetting (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
776	Painters	6-10	Database Search	VOC, SOC
777	RCRA	6-10	Database Search	IOC, VOC, SOC
778	RCRA	6-10	Database Search	IOC, VOC, SOC
779	RCRA	6-10	Database Search	IOC, VOC, SOC
782	RCRA	6-10	Database Search	IOC, VOC, SOC
784	RCRA	6-10	Database Search	IOC, VOC, SOC
785	RCRA	6-10	Database Search	IOC, VOC, SOC
786	Sand & Gravel	6-10	Database Search	IOC, VOC, SOC
787	SARA	6-10	Database Search	IOC, VOC, SOC
788	SARA	6-10	Database Search	IOC, VOC, SOC
790	SARA	6-10	Database Search	IOC, VOC, SOC
791	Group1	6-10	Database Search	IOC, VOC, SOC
	Overland Road	6-10	GIS Map	IOC, VOC, SOC
	Federal Way	6-10	GIS Map	IOC, VOC, SOC

¹ LUST = leaking underground storage tank, UST = underground storage tank, SARA = Superfund Amendments and Reauthorization Act, RCRA = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, TRI = Toxic Release Inventory

² TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

³ IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-2. Well #4, Potential Contaminant Inventory

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
1, 17, 59	LUST, Site Cleanup Incomplete; Impact: Unknown; Trucking-Motor Freight; RCRA	0-3	Database Search	VOC, SOC
2	LUST, Site Cleanup Complete; Impact: GROUND WATER	0-3	Database Search	VOC, SOC
3	LUST, Site Cleanup Incomplete; Impact: GROUND WATER	0-3	Database Search	VOC, SOC
4, 8, 9	LUST, Site Cleanup Completed; Impact: GROUND WATER; LUST, Site Cleanup Completed; Impact: Unknown; UST, Truck/Transporter - open	0-3	Database Search	VOC, SOC
5, 10, 74	LUST, Site Cleanup Completed; Impact: GROUND WATER; UST - Closed; SARA	0-3	Database Search	VOC, SOC
6, 11	LUST, Site Cleanup Completed; Impact: GROUND WATER; UST, Truck/Transporter - closed	0-3	Database Search	VOC, SOC
7, 14	LUST, Gas Station, Site Cleanup Completed; UST - closed	0-3	Database Search	VOC, SOC
12, 23, 60	UST - closed; Automobile Dealers-New Cars; RCRA	0-3	Database Search	VOC, SOC
13	UST, Closed	0-3	Database Search	VOC, SOC
15	UST - Closed	0-3	Database Search	VOC, SOC
16	UST, Closed	0-3	Database Search	VOC, SOC
18	Movers	0-3	Database Search	IOC, VOC, SOC
19	Campgrounds	0-3	Database Search	IOC, VOC, SOC, Microbials
20	Floor Refinishing & Resurfacing	0-3	Database Search	VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
21	Automobile Repair/Service	0-3	Database Search	IOC, VOC, SOC
22	Printers	0-3	Database Search	IOC, VOC
24	Automobile Parts & Supplies-Retail	0-3	Database Search	IOC, VOC, SOC
25	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
26	Tile-Ceramic-Contractors & Dealers	0-3	Database Search	IOC, VOC, SOC
27	General Contractors	0-3	Database Search	IOC, VOC, SOC
28	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
29	Automobile Renting & Leasing	0-3	Database Search	VOC, SOC
30	Asbestos Removal Service	0-3	Database Search	IOC, VOC, SOC
31, 63	Automobile Repairing & Service; RCRA	0-3	Database Search	IOC, VOC, SOC
32	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
33, 73, 75	Petroleum Products (Wholesale); SARA; AST	0-3	Database Search	VOC, SOC
34	Electric Equipment & Supplies-Wholesale	0-3	Database Search	IOC, VOC, SOC
35	Truck-Repairing & Service	0-3	Database Search	IOC, VOC
36	Building Contractors	0-3	Database Search	IOC, VOC, SOC
37	Material Handling Equipment (Wholesale)	0-3	Database Search	IOC, VOC, SOC
38	Mufflers & Exhaust Systems-Engine	0-3	Database Search	IOC, VOC, SOC
39	Drapery & Curtain Cleaners	0-3	Database Search	VOC
40, 64	Printers, RCRA	0-3	Database Search	IOC, VOC
41	Trucking-Motor Freight	0-3	Database Search	VOC, SOC
42	Welding	0-3	Database Search	IOC, VOC, SOC
43	Color Sprtns-Offset Photo Engrave-	0-3	Database Search	IOC, VOC, SOC
44	Material Handling Equipment (Wholesale)	0-3	Database Search	IOC, VOC, SOC
45	Automobile Detail & Clean-Up Service	0-3	Database Search	IOC, VOC, SOC
46, 65	Automobile Body-Repairing & Painting; RCRA	0-3	Database Search	IOC, VOC, SOC
47, 67	Automobile Dealers-New Cars, RCRA	0-3	Database Search	VOC, SOC
48	Recreational Vehicles-Wholesale	0-3	Database Search	VOC, SOC
49	Petroleum Products-Manufacturers	0-3	Database Search	IOC, VOC, SOC
50, 68	Automobile Dealers-New Cars; RCRA	0-3	Database Search	IOC, VOC, SOC
51	Automobile Dealers-Used Cars	0-3	Database Search	VOC, SOC
52	Wrecker Service	0-3	Database Search	IOC, VOC, SOC
53	Excavating Contractors	0-3	Database Search	IOC, VOC, SOC
54	Service Station Equipment (Wholesale)	0-3	Database Search	IOC, VOC, SOC
55	Laundries	0-3	Database Search	IOC, VOC, SOC
56	NPDES Site	0-3	Database Search	IOC, Microbials
57	CERCLA	0-3	Database Search	IOC, VOC, SOC
58, 66	CERCLA, RCRA	0-3	Database Search	IOC, VOC, SOC
61	RCRA	0-3	Database Search	IOC, VOC, SOC
62	RCRA	0-3	Database Search	IOC, VOC, SOC
69	Sand & Gravel	0-3	Database Search	IOC, VOC, SOC, Microbials
70	Sand & Gravel	0-3	Database Search	IOC, VOC, SOC, Microbials
71	Sand & Gravel	0-3	Database Search	IOC, VOC, SOC, Microbials
72	Sand & Gravel	0-3	Database Search	IOC, VOC, SOC, Microbials
76	Group 1, Conf sample in 94, SMN hit in 97	0-3	Database Search	SOC
	Fairview Avenue	0-3	GIS Map	IOC, VOC, SOC, Microbials

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
	Americana Blvd	0-3	GIS Map	IOC, VOC, SOC, Microbials
77, 87	LUST, Site Cleanup Completed, Impact: GROUND WATER; UST - Closed	3-6	Database Search	VOC, SOC
78	LUST, Site Cleanup Incomplete, Impact: GROUND WATER	3-6	Database Search	VOC, SOC
79, 90, 195	LUST, Site Cleanup Incomplete, Impact: Unknown; UST - open; SARA	3-6	Database Search	VOC, SOC
80, 93, 120	LUST, Site Cleanup Completed, Impact: GROUND WATER; UST - Closed; Automobile Renting & Leasing	3-6	Database Search	VOC, SOC
81, 101	LUST, Site Cleanup Completed, Impact: Unknown; UST - Closed	3-6	Database Search	VOC, SOC
82, 85, 99	LUST, Site Cleanup Completed, Impact: Unknown; LUST, Site Cleanup Incomplete, Impact: Unknown; UST - Closed	3-6	Database Search	VOC, SOC
83, 96, 184, 196	LUST, Site Cleanup Completed, Impact: Unknown; UST - Closed; RCRA; SARA	3-6	Database Search	VOC, SOC
84, 103	LUST, Site Cleanup Completed, Impact: Unknown; UST - Closed	3-6	Database Search	VOC, SOC
86, 166, 198	UST - Open; Service Stations-Gasoline & Oil; SARA	3-6		
88	UST, Closed	3-6	Database Search	VOC, SOC
89	UST, Closed	3-6	Database Search	VOC, SOC
91, 187	UST - closed; RCRA, Truck Transporter	3-6	Database Search	VOC, SOC
92	UST, Closed	3-6	Database Search	VOC, SOC
94, 118	UST - open; Service Stations-Gasoline & Oil	3-6	Database Search	VOC, SOC
95	UST, Open	3-6	Database Search	VOC, SOC
97	UST - Closed; Gas Station	3-6	Database Search	VOC, SOC
98, 197	UST - Open; SARA	3-6	Database Search	VOC, SOC
100	UST -Closed	3-6	Database Search	VOC, SOC
102, 110, 183	UST - Closed; Automobile Body-Repairing & Painting; RCRA	3-6	Database Search	IOC, VOC, SOC
104	Landscape Contractor	3-6	Database Search	IOC, VOC, SOC
105	Printing Equipment-Repairing	3-6	Database Search	IOC, VOC, SOC
106, 182	Waste Disposal-Hazardous; RCRA	3-6	Database Search	IOC, VOC, SOC
107	Repair Shops & Related Services	3-6	Database Search	VOC, SOC
108	Transportation	3-6	Database Search	IOC, VOC, SOC
109	Jewelry-Manufacturers	3-6	Database Search	IOC, VOC, SOC
111	Automobile Repairing & Service	3-6	Database Search	IOC, VOC, SOC
112	Steel Erectors	3-6	Database Search	IOC, VOC, SOC
113	Cleaners	3-6	Database Search	IOC, VOC
114	General Contractors	3-6	Database Search	IOC, VOC, SOC
115	Landscape Contractors	3-6	Database Search	IOC, VOC, SOC
116	Automobile Radiator-Repairing	3-6	Database Search	IOC, VOC, SOC
117	Buses-Charter & Rental	3-6	Database Search	VOC, SOC
119	Tire-Dealers-Retail	3-6	Database Search	IOC, VOC, SOC
121	Automobile Repairing & Service	3-6	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
122	Bicycles-Dealers	3-6	Database Search	IOC, VOC, SOC
123	Lawn Maintenance	3-6	Database Search	IOC, VOC, SOC
124	Newspapers (Publishers)	3-6	Database Search	IOC, VOC, SOC
125, 185	Automobile Body-Repairing & Painting; RCRA	3-6	Database Search	IOC, VOC, SOC
126	Contractors-Equip/Supls-Dlrs/Svc-W	3-6	Database Search	IOC, VOC, SOC
127	Automobile Repairing & Service	3-6	Database Search	IOC, VOC, SOC
128	Photo Finishing-Retail	3-6	Database Search	IOC, VOC
129	Photographs-Stock	3-6	Database Search	IOC, VOC
130	Automobile Dealers-Used Cars	3-6	Database Search	IOC, VOC, SOC
131	Automobile Renting & Leasing	3-6	Database Search	IOC, VOC, SOC
132	Grease Traps (Cleaning Service)	3-6	Database Search	IOC, VOC, SOC
133	Landscape Contractors	3-6	Database Search	IOC, VOC, SOC
134	Fishing Tackle-Manufacturers	3-6	Database Search	IOC, VOC, SOC
135	Lawn Mowers	3-6	Database Search	IOC, VOC, SOC
136	Landscape Contractors	3-6	Database Search	IOC, VOC, SOC
137	Landscape Contractors	3-6	Database Search	IOC, VOC, SOC
138	Automobile Dealers-New Cars	3-6	Database Search	IOC, VOC, SOC
139	Automobile Electric Service	3-6	Database Search	IOC, VOC, SOC
140	Remodeling/Repairing Bldg Contract	3-6	Database Search	IOC, VOC, SOC
141	Automobile Electric Service	3-6	Database Search	IOC, VOC, SOC
142	Photographic Equip & Supplies-Retail	3-6	Database Search	IOC, VOC
143	Newspapers (Publishers)	3-6	Database Search	IOC, VOC, SOC
144	Prepared Fresh-Frozen Fish/Seafood	3-6	Database Search	IOC, VOC
145	Artists-Commercial	3-6	Database Search	IOC, VOC, SOC
146	Automobile Repairing & Service	3-6	Database Search	IOC, VOC, SOC
147	Janitor Service	3-6	Database Search	IOC, VOC, SOC
148	Carpet & Rug Repairing	3-6	Database Search	IOC, VOC
149, 188	Printers; RCRA	3-6	Database Search	IOC, VOC
150	Photographers-Commercial	3-6	Database Search	IOC, VOC
151	Candy & Confectionery-Manufacturer	3-6	Database Search	IOC, VOC, SOC
152	Printers	3-6	Database Search	IOC, VOC
153	Janitor Service	3-6	Database Search	IOC, VOC, SOC
154	General Contractors	3-6	Database Search	IOC, VOC, SOC
155	Lawn Maintenance	3-6	Database Search	IOC, VOC, SOC
156	Multimedia (Manufacturers)	3-6	Database Search	IOC, VOC, SOC
157	Photographers-Portrait	3-6	Database Search	IOC, VOC
158	Bus Lines	3-6	Database Search	IOC, VOC, SOC
159	Washers-Pressure	3-6	Database Search	IOC, VOC, SOC
160	Painters	3-6	Database Search	VOC, SOC
161, 189	Automobile Body-Repairing & Painting; RCRA	3-6	Database Search	IOC, VOC, SOC
162	Automobile Dealers-Used Cars	3-6	Database Search	VOC, SOC
163	Publishers-Book	3-6	Database Search	IOC, VOC, SOC
164	Fish Hatcheries	3-6	Database Search	IOC, VOC, SOC
165	Landscape Contractors	3-6	Database Search	IOC, VOC, SOC
167	Home Improvements	3-6	Database Search	IOC, VOC, SOC
168	Buses-Charter & Rental	3-6	Database Search	IOC, VOC, SOC
169	General Contractors	3-6	Database Search	IOC, VOC, SOC
170	Publishers-Book	3-6	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
171	General Contractors	3-6	Database Search	IOC, VOC, SOC
172	Automobile Repairing & Service	3-6	Database Search	IOC, VOC, SOC
173	Printers	3-6	Database Search	IOC, VOC
174	Well Drilling	3-6	Database Search	IOC, VOC
175	General Contractors	3-6	Database Search	IOC, VOC, SOC
176	Carpet & Rug Repairing	3-6	Database Search	IOC, VOC, SOC
177	Floor Refinishing & Resurfacing	3-6	Database Search	VOC, SOC
178	Typesetting (Manufacturers)	3-6	Database Search	IOC, VOC, SOC
179	Painters	3-6	Database Search	VOC, SOC
180	RCRA	3-6	Database Search	IOC, VOC, SOC
181	RCRA	3-6	Database Search	IOC, VOC, SOC
186	RCRA	3-6	Database Search	IOC, VOC, SOC
190	RCRA	3-6	Database Search	IOC, VOC, SOC
191	RCRA	3-6	Database Search	IOC, VOC, SOC
192	RCRA	3-6	Database Search	IOC, VOC, SOC
193	Sand & Gravel	3-6	Database Search	IOC, VOC, SOC
194	Sand & Gravel	3-6	Database Search	IOC, VOC, SOC
199	Group 1	3-6	Database Search	IOC, VOC, SOC
	Overland Road	3-6	GIS Map	IOC, VOC, SOC
	Vista Avenue	3-6	GIS Map	IOC, VOC, SOC
200, 293	LUST, Site Cleanup Incomplete, Impact: GROUND WATER; SARA	6-10	Database Search	VOC, SOC
201, 210	LUST, Site Cleanup Incomplete, Impact: GROUND WATER; UST - Open	6-10	Database Search	VOC, SOC
202, 271	LUST, Site Cleanup Completed, Impact: GROUND WATER; Dairy Farms	6-10	Database Search	IOC, VOC, SOC
203, 229, 281	UST - Closed; Engines-Diesel (Wholesale); RCRA	6-10	Database Search	IOC, VOC, SOC
204, 233, 269	UST - Closed; Automobile Repairing & Service; Automobile Customizing	6-10	Database Search	IOC, VOC, SOC
205, 278	UST - Closed; RCRA	6-10	Database Search	IOC, VOC, SOC
206	UST, Closed	6-10	Database Search	VOC, SOC
207	UST, Open	6-10	Database Search	VOC, SOC
208, 245, 290, 295	UST - Open; Oils-Lubricating-Wholesale; SARA; AST	6-10	Database Search	VOC, SOC
209, 240	UST, Open; Service Stations-Gasoline & Oil	6-10	Database Search	VOC, SOC
211	Storage-Household & Commercial	6-10	Database Search	IOC, VOC, SOC
212	Movers	6-10	Database Search	IOC, VOC, SOC
213	Glass Coating & Tinting	6-10	Database Search	IOC, VOC, SOC
214	Semiconductor Devices (Manufacturer)	6-10	Database Search	IOC, VOC, SOC
215, 279	Food Processors & Manufacturers, RCRA	6-10	Database Search	IOC, VOC, SOC
216, 280	Cleaners, RCRA	6-10	Database Search	VOC
217	Tire-Dealers-Retail	6-10	Database Search	VOC, SOC
218	Tire-Dealers-Retail	6-10	Database Search	VOC, SOC
219	bml site	6-10	Database Search	IOC, VOC, SOC
220	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
221	Buildings-Metal	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
222	Laboratories-Dental	6-10	Database Search	IOC, VOC, SOC
223	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
224	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
225	Automobile Lubrication Service	6-10	Database Search	IOC, VOC, SOC
226	Artists-Commercial	6-10	Database Search	IOC, VOC, SOC
227	Lawn Maintenance	6-10	Database Search	IOC, VOC, SOC
228, 266	Veterinarians	6-10	Database Search	IOC, SOC
230	Landscape Contractors	6-10	Database Search	IOC, VOC, SOC
231	Fiber Optics	6-10	Database Search	IOC, VOC, SOC
232	Car Washing & Polishing-Coin Opera	6-10	Database Search	IOC, VOC, SOC
234	Storage-Household & Commercial	6-10	Database Search	IOC, VOC, SOC
235	Storage-Household & Commercial	6-10	Database Search	IOC, VOC, SOC
236, 283	Tire-Dealers-Retail; RCRA	6-10	Database Search	VOC, SOC
237	Hydraulic Equipment & Supplies (Wholesale)	6-10	Database Search	IOC, VOC, SOC
238	Lawn Mower Equipment	6-10	Database Search	IOC, VOC, SOC
239	Delivery Service	6-10	Database Search	IOC, VOC, SOC
241	Washers-Pressure	6-10	Database Search	IOC, VOC, SOC
242	Roofing Contractors	6-10	Database Search	IOC, VOC, SOC
243	Rental Service-Stores & Yards	6-10	Database Search	IOC, VOC, SOC
244	Floor Refinishing & Resurfacing	6-10	Database Search	VOC, SOC
246, 291	Contractors-Equipment & Supls-Rent; SARA	6-10	Database Search	IOC, VOC, SOC
247	Rescue Squads	6-10	Database Search	IOC, VOC
248	Property Maintenance	6-10	Database Search	IOC, VOC, SOC
249	Greenhouses	6-10	Database Search	IOC, VOC, SOC
250	Tire-Dealers-Retail	6-10	Database Search	VOC, SOC
251	Janitor Service	6-10	Database Search	IOC, VOC, SOC
252	Excavating Contractors	6-10	Database Search	IOC, VOC, SOC
253	Roofing Contractors	6-10	Database Search	IOC, VOC, SOC
254	Floor Refinishing & Resurfacing	6-10	Database Search	VOC, SOC
255	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
256, 257	Microfilming Service Equipment	6-10	Database Search	IOC, VOC, SOC
258	Photo Finishing-Wholesale	6-10	Database Search	IOC, VOC
259	Roofing Contractors	6-10	Database Search	IOC, VOC, SOC
260	Janitor Service	6-10	Database Search	IOC, VOC, SOC
261	Lawn Maintenance	6-10	Database Search	IOC, VOC, SOC
262	Storage-Household & Commercial	6-10	Database Search	IOC, VOC, SOC
263	General Contractors	6-10	Database Search	IOC, VOC, SOC
264	Home Builders	6-10	Database Search	IOC, VOC, SOC
265	Automobile Parts & Supplies-Retail	6-10	Database Search	IOC, VOC, SOC
267	Motorcycles & Motor Scooters-Dealer	6-10	Database Search	VOC, SOC
268	Storage-Household & Commercial	6-10	Database Search	IOC, VOC, SOC
270	Truck-Painting & Lettering	6-10	Database Search	IOC, VOC, SOC
272	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
273	Garden Centers	6-10	Database Search	IOC, VOC, SOC
274	Automobile Lubrication Service	6-10	Database Search	IOC, VOC, SOC
275	Window Cleaning	6-10	Database Search	VOC
276	Roofing Contractors	6-10	Database Search	IOC, VOC, SOC
277	Lawn & Garden Equip & Supplies-Retail	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
282	RCRA	6-10	Database Search	IOC, VOC, SOC
284	RCRA	6-10	Database Search	IOC, VOC, SOC
285	RCRA	6-10	Database Search	IOC, VOC, SOC
286, 294	RCRA; SARA	6-10	Database Search	IOC, VOC, SOC
287	RCRA	6-10	Database Search	IOC, VOC, SOC
288	RCRA	6-10	Database Search	IOC, VOC, SOC
289	RCRA	6-10	Database Search	IOC, VOC, SOC
292	SARA	6-10	Database Search	IOC, VOC, SOC
	Broadway Avenue	6-10	GIS Map	IOC, VOC, SOC

¹ LUST = leaking underground storage tank, UST = underground storage tank, AST = aboveground storage tank, SARA = Superfund Amendments and Reauthorization Act, RCRA = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, TRI = Toxic Release Inventory

² TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

³ IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-3. Well #6, Potential Contaminant Inventory

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
1	Contractors	0-3	Database Search	IOC, VOC, SOC
2	RCRA	0-3	Database Search	IOC, VOC, SOC
3	RCRA	0-3	Database Search	IOC, VOC, SOC
4	Sand & Gravel	0-3	Database Search	IOC, VOC, SOC, Microbials
	Glenwood Street	0-3	GIS Map	IOC, VOC, SOC, Microbials
5	Automobile Dealers-Used Cars	3-6	Database Search	VOC, SOC
6	Pottery-Manufacturers	3-6	Database Search	IOC, VOC, SOC
7	Screw Machine Products (Manufacturing)	3-6	Database Search	IOC, VOC, SOC
8	Automobile-Antique & Classic	3-6	Database Search	IOC, VOC, SOC
9	Automobile Body-Repairing & Painting	3-6	Database Search	IOC, VOC, SOC
10	Truck-Repairing & Service	3-6	Database Search	IOC, VOC, SOC
11	Signs (Manufacturers)	3-6	Database Search	IOC, VOC, SOC
12	Landscape Contractors	3-6	Database Search	IOC, VOC, SOC
13	Automobile Repairing & Service	3-6	Database Search	IOC, VOC, SOC
14	Livestock Equipment & Supplies	3-6	Database Search	IOC, VOC, SOC
15	Home Improvements	3-6	Database Search	IOC, VOC, SOC
16	Hardware-Wholesale	3-6	Database Search	IOC, VOC, SOC
17, 32	Smelters & Refiners-Precious Metal; RCRA	3-6	Database Search	IOC, VOC, SOC
18	Automobile Repairing & Service	3-6	Database Search	IOC, VOC, SOC
19	Stainless Steel (Manufacturers)	3-6	Database Search	IOC, VOC, SOC
20	Concrete Prods-Ex Block & Brick	3-6	Database Search	IOC, VOC, SOC
21	General Contractors	3-6	Database Search	IOC, VOC, SOC
22	Automobile Repairing & Service	3-6	Database Search	IOC, VOC, SOC
23	Plastics-Fabricating/Finish	3-6	Database Search	IOC, VOC, SOC
24	Electric Equipment & Supplies	3-6	Database Search	IOC, VOC, SOC
25	Automobile Body-Repairing & Painting	3-6	Database Search	IOC, VOC, SOC
26	Automobile Parts-Used & Rebuilt	3-6	Database Search	IOC, VOC, SOC
27	Machine Shop	3-6	Database Search	IOC, VOC, SOC
28	Health & Beauty Aids-Wholesale	3-6	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
29	Home Builders	3-6	Database Search	IOC, VOC, SOC
30	Buses-Repairing & Service	3-6	Database Search	IOC, VOC, SOC
31, 33	Automobile Machine Shop Service; RCRA	3-6	Database Search	IOC, VOC, SOC
34	Sand & Gravel	3-6	Database Search	IOC, VOC, SOC
35, 95, 263, 480	LUST site Cleanup Incomplete, Impact: Unknown; UST - closed; Contractors-Equip/Supls-Dlrs/Svc; RCRA	6-10	Database Search	VOC, SOC
36, 397, 513	LUST site Cleanup Incomplete, Impact: GROUND WATER; Batteries-Storage-Wholesale; RCRA	6-10	Database Search	VOC, SOC
37, 66, 526	LUST site Cleanup Complete, Impact: GROUND WATER; UST - open; SARA	6-10	Database Search	VOC, SOC
38, 79	LUST site Cleanup Incomplete, Impact: GROUND WATER; UST - open	6-10	Database Search	VOC, SOC
39, 94	LUST site Cleanup Complete, Impact: GROUND WATER; UST - closed	6-10	Database Search	VOC, SOC
40	LUST, Completed	6-10	Database Search	VOC, SOC
41, 57	LUST site Cleanup Complete, Impact: GROUND WATER; UST - closed	6-10	Database Search	VOC, SOC
42, 61	LUST Site Cleanup Complete, Impact: Unknown; UST - closed	6-10	Database Search	IOC, VOC, SOC
43, 62, 411	LUST site Cleanup Incomplete, Impact: Unknown; UST - Closed; Storage-Household & Commercial	6-10	Database Search	IOC, VOC, SOC
44, 63, 516, 521	LUST site Cleanup Complete, Impact: GROUND WATER; UST - open; RCRA; SARA	6-10	Database Search	VOC, SOC
45, 83	LUST site Cleanup Complete, Impact: GROUND WATER; UST - closed	6-10	Database Search	VOC, SOC
46, 85	LUST site Cleanup Complete, Impact: GROUND WATER; UST - closed	6-10	Database Search	VOC, SOC
47, 87	LUST Site Cleanup Complete, Impact: Unknown; UST - closed	6-10	Database Search	VOC, SOC
48, 88	LUST Site Cleanup Complete, Impact: Unknown; UST - closed	6-10	Database Search	VOC, SOC
49, 90	LUST Site Cleanup Complete, Impact: Unknown; UST - closed	6-10	Database Search	VOC, SOC
50, 97	LUST Site Cleanup Complete, Impact: Unknown; UST - closed	6-10	Database Search	VOC, SOC
51, 98, 518	LUST Site Cleanup Complete, Impact: GROUND WATER; UST - closed; RCRA	6-10	Database Search	VOC, SOC
52, 71, 347	LUST Site Cleanup Complete, Impact: Unlikely; UST - closed; Automobile Repairing & Service	6-10	Database Search	VOC, SOC
53, 523	LUST Site Cleanup Incomplete, Impact Potential; SARA	6-10	Database Search	VOC, SOC
54	UST, Closed	6-10	Database Search	VOC, SOC
55	UST, Closed	6-10	Database Search	VOC, SOC
56	UST, Closed	6-10	Database Search	VOC, SOC
58, 424	UST - Closed; X-Ray Apparatus & Tubes (Mfrs)	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
59, 356, 500	UST - closed; Recycling Centers; RCRA	6-10	Database Search	IOC, VOC, SOC
60, 156, 471	UST - closed; Automobile Dealer; RCRA	6-10	Database Search	IOC, VOC, SOC
64	UST, Closed	6-10	Database Search	VOC, SOC
65	UST, Closed	6-10	Database Search	VOC, SOC
67	UST, Closed	6-10	Database Search	VOC, SOC
68, 395	UST, Closed; General Contractors	6-10	Database Search	IOC, VOC, SOC
69	UST, Closed	6-10	Database Search	VOC, SOC
70	UST, Closed	6-10	Database Search	VOC, SOC
72	UST, Closed	6-10	Database Search	VOC, SOC
73	UST, Open	6-10	Database Search	VOC, SOC
74	UST, Closed	6-10	Database Search	VOC, SOC
75	UST, Open	6-10	Database Search	VOC, SOC
76	UST, Closed	6-10	Database Search	VOC, SOC
77	UST, Closed	6-10	Database Search	VOC, SOC
78	UST, Open	6-10	Database Search	VOC, SOC
80	UST, Closed	6-10	Database Search	VOC, SOC
81	UST, Closed	6-10	Database Search	VOC, SOC
82	UST, Closed	6-10	Database Search	VOC, SOC
84	UST, Closed	6-10	Database Search	VOC, SOC
86	UST, Closed	6-10	Database Search	VOC, SOC
89	UST, Closed	6-10	Database Search	VOC, SOC
91	UST, Closed	6-10	Database Search	VOC, SOC
92	UST, Closed	6-10	Database Search	VOC, SOC
93	UST, Closed	6-10	Database Search	VOC, SOC
96	UST, Closed	6-10	Database Search	VOC, SOC
99	Painters	6-10	Database Search	VOC, SOC
100	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
101	General Contractors	6-10	Database Search	IOC, VOC, SOC
102	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
103	Photographers-Portrait	6-10	Database Search	IOC, VOC
104	Signs (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
105	Hydraulic Equipment-Repairing	6-10	Database Search	IOC, VOC, SOC
106	Buildings-Metal	6-10	Database Search	IOC, VOC, SOC
107	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
108	Wrecker Service	6-10	Database Search	IOC, VOC, SOC
109	Mobile Homes-Repairing & Service	6-10	Database Search	IOC, VOC, SOC
110	Welding	6-10	Database Search	IOC, VOC, SOC
111	Roofing Contractors	6-10	Database Search	IOC, VOC, SOC
112	Transmissions-Automobile	6-10	Database Search	IOC, VOC, SOC
113	Electronic Equipment & Supplies-Mfr	6-10	Database Search	IOC, VOC
114	Automobile Renting & Leasing	6-10	Database Search	VOC, SOC
115	Signs (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
116	Boat Builders	6-10	Database Search	VOC, SOC
117	Tire-Dealers-Retail	6-10	Database Search	VOC, SOC
118	Laboratories-Analytical	6-10	Database Search	IOC, VOC, SOC
119	Funeral Directors	6-10	Database Search	IOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
120	Sun Rooms	6-10	Database Search	IOC, VOC, SOC
121, 122	Automobile Renting & Leasing; Boat Dealers	6-10	Database Search	123
123	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
124	Storage-Household & Commercial	6-10	Database Search	IOC, VOC, SOC
125	Lawn Mowers-Sharpening & Repairing	6-10	Database Search	IOC, VOC, SOC
126	Tire-Dealers-Retail	6-10	Database Search	VOC, SOC
127	Laboratories-Dental	6-10	Database Search	IOC, VOC, SOC
128	Boat Dealers	6-10	Database Search	IOC, VOC, SOC
129	Envelopes-Manufacturers	6-10	Database Search	IOC, VOC, SOC
130	Parking Area Maintenance & Marking	6-10	Database Search	IOC, VOC, SOC
131	Excavating Contractors	6-10	Database Search	IOC, VOC, SOC
132	Veterinarians	6-10	Database Search	IOC, SOC
133	Florists-Wholesale	6-10	Database Search	IOC, VOC, SOC
134	Sheet Metal Work Contractors	6-10	Database Search	IOC, VOC, SOC
135	Mobile Homes-Repairing & Service	6-10	Database Search	IOC, VOC, SOC
136	Mobile Homes-Repairing & Service	6-10	Database Search	IOC, VOC, SOC
137	Signs (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
138	Asbestos Removal Service	6-10	Database Search	IOC, VOC, SOC
139	Printers	6-10	Database Search	IOC, VOC
140	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
141	Automobile Detail & Clean-Up	6-10	Database Search	IOC, VOC, SOC
142	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
143	Automobile Seatcovers Tops	6-10	Database Search	IOC, VOC, SOC
144	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
145	Automobile Repairing & Service \7	6-10	Database Search	VOC, SOC
146	Automobile & Truck Brokers	6-10	Database Search	VOC, SOC
147	Automobile Repair/Svc-Equip/Supl	6-10	Database Search	IOC, VOC, SOC
148	Sporting Goods-Manufacturers	6-10	Database Search	IOC, VOC, SOC
149	Cleaners	6-10	Database Search	IOC, VOC
150	Trailer Hitches	6-10	Database Search	IOC, VOC, SOC
151	Brewers	6-10	Database Search	IOC, VOC, SOC
152	Sewage Disposal Systems	6-10	Database Search	IOC, VOC, SOC
153, 469	Automobile Body-Repairing & Painting; RCRA	6-10	Database Search	IOC, VOC, SOC
154	Waste Removal-Medical	6-10	Database Search	IOC, VOC, SOC
155	Blueprinting	6-10	Database Search	IOC, VOC, SOC
157	Automobile Diagnostic Service	6-10	Database Search	IOC, VOC, SOC
158	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
159	Grinding-Precision & Production	6-10	Database Search	IOC, VOC, SOC
160	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
161	Taxicabs	6-10	Database Search	IOC, VOC, SOC
162	Automobile Machine Shop Service	6-10	Database Search	IOC, VOC, SOC
163	Electric Motors-Dlrs/Repairing	6-10	Database Search	IOC, VOC, SOC
164	Hydraulic Equipment-Repairing	6-10	Database Search	IOC, VOC, SOC
165	Motorcycles & Motor Scooters-Supplies	6-10	Database Search	IOC, VOC, SOC
166	Millwork (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
167	Forgings (Manufacturers)	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
168	Counter Tops-Manufacturers	6-10	Database Search	IOC, VOC, SOC
169	Stone-Natural	6-10	Database Search	IOC, VOC, SOC
170	Recreational Vehicles-Repairing	6-10	Database Search	IOC, VOC, SOC
171	Chemicals (Wholesale)	6-10	Database Search	IOC, VOC, SOC
172	Painters	6-10	Database Search	VOC, SOC
173	Van Conversions	6-10	Database Search	IOC, VOC, SOC
174	Oils-Fuel (Wholesale)	6-10	Database Search	IOC, VOC, SOC
175	Recycling Centers (Wholesale)	6-10	Database Search	IOC, VOC, SOC
176	Tire-Dealers-Retail	6-10	Database Search	VOC, SOC
177	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
178	Engines-Rebuilding & Exchanging	6-10	Database Search	IOC, VOC, SOC
179	Contractors-Equip/Supls-Dlrs/Svc	6-10	Database Search	IOC, VOC, SOC
180	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
181	Hardware-Wholesale	6-10	Database Search	IOC, VOC, SOC
182, 474	Automobile Dealers-Used Cars; RCRA	6-10	Database Search	VOC, SOC
183	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
184	Boat Dealers	6-10	Database Search	IOC, VOC, SOC
185	Car Washing/Polishing Equip/Supls	6-10	Database Search	IOC, VOC, SOC
186	Automobile Restoratn-Antique & Classic	6-10	Database Search	VOC, SOC
187	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
188	Printers	6-10	Database Search	IOC, VOC
189	Ceiling Cleaning	6-10	Database Search	IOC, VOC, SOC
190	Buildings-Metal	6-10	Database Search	IOC, VOC, SOC
191	Florists-Wholesale	6-10	Database Search	IOC, VOC, SOC
192	Assembly & Fabricating Service	6-10	Database Search	IOC, VOC, SOC
193	Carpet & Rug Cleaners	6-10	Database Search	VOC
194	Swimming Pool Contrs Dlrs & Design	6-10	Database Search	IOC, VOC, SOC
195	Automobile Seatcovers Tops	6-10	Database Search	IOC, VOC, SOC
196	Store Fronts	6-10	Database Search	IOC, VOC, SOC
197	Signs (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
198	Tire-Dealers-Retail	6-10	Database Search	VOC, SOC
199	Motorcycles & Motor Scooters	6-10	Database Search	IOC, VOC, SOC
200	Automobile Parts & Supplies-Retail	6-10	Database Search	IOC, VOC, SOC
201	Newsletters (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
202	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
203	Sweeping Service-Power	6-10	Database Search	IOC, VOC, SOC
204	Transmissions-Automobile	6-10	Database Search	IOC, VOC, SOC
205	Meat Processing	6-10	Database Search	IOC
206	Automobile Customizing	6-10	Database Search	IOC, VOC, SOC
207	Swimming Pool Contrs Dlrs & Design	6-10	Database Search	IOC, VOC, SOC
208	Truck Equipment & Parts-Wholesale	6-10	Database Search	IOC, VOC, SOC
209	Boat Dealers	6-10	Database Search	IOC, VOC, SOC
210	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
211	Motorcycles & Motor Scooters-Dealer	6-10	Database Search	IOC, VOC, SOC
212	Signs (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
213	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
214	Concrete Contractors	6-10	Database Search	IOC, VOC, SOC
215	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
216	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
217	Pest Control	6-10	Database Search	IOC, VOC, SOC
218	Janitors Supplies (Wholesale)	6-10	Database Search	IOC, VOC, SOC
219	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
220	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
221	Car Washing & Polishing-Coin Operated	6-10	Database Search	IOC, VOC, SOC
222	Motorcycles & Motor Scooters-Supplies	6-10	Database Search	IOC, VOC, SOC
223	Automobile Radiator-Repairing	6-10	Database Search	IOC, VOC, SOC
224	Mining Equipment (Wholesale)	6-10	Database Search	IOC, VOC, SOC
225	Boat Dealers	6-10	Database Search	IOC, VOC, SOC
226	Manufacturers	6-10	Database Search	IOC, VOC, SOC
227	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
228	Concrete Contractors	6-10	Database Search	IOC, VOC, SOC
229	Water Treatment Equip Svc & Supls	6-10	Database Search	IOC, VOC, SOC
230	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
231	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
232	State Government-Transportation	6-10	Database Search	IOC, VOC, SOC
233	Tank Removal	6-10	Database Search	IOC, VOC, SOC
234	Coatings-Protective	6-10	Database Search	IOC, VOC, SOC
235, 476	Printers; RCRA	6-10	Database Search	IOC, VOC
236	Automobile Dealers-New Cars	6-10	Database Search	VOC, SOC
237	Home Improvements	6-10	Database Search	IOC, VOC, SOC
238	Tile-Ceramic-Contractors & Dealers	6-10	Database Search	IOC, VOC, SOC
239	Remodeling/Repairing Bldg Contract	6-10	Database Search	IOC, VOC, SOC
240	Building Contractors	6-10	Database Search	IOC, VOC, SOC
241	Metal Fabricators	6-10	Database Search	IOC, VOC, SOC
242	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
243	Printers	6-10	Database Search	IOC, VOC
244	Sheet Metal Work Contractors	6-10	Database Search	IOC, VOC, SOC
245	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
246	Fire Protection Equipment & Supls-	6-10	Database Search	IOC, VOC, SOC
247	Remodeling/Repairing Bldg Contract	6-10	Database Search	IOC, VOC, SOC
248	Automobile Dealers-Used Cars	6-10	Database Search	IOC, VOC, SOC
249	Filters-Liquid (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
250, 524	Oils-Fuel (Wholesale); SARA	6-10	Database Search	IOC, VOC, SOC
251	Electric Equipment & Supplies-Wholesale	6-10	Database Search	IOC, VOC, SOC
252	Lighting-Manufacturers	6-10	Database Search	IOC, VOC
253	Landscape Contractors	6-10	Database Search	IOC, VOC, SOC
254	General Contractors	6-10	Database Search	IOC, VOC, SOC
255	Painters	6-10	Database Search	VOC, SOC
256, 257	Storage-Household & Commercial; Warehouses-Merchandise	6-10	Database Search	IOC, VOC, SOC
258	General Contractors	6-10	Database Search	IOC, VOC, SOC
259	Electric Motors-Dlrs/Repairing	6-10	Database Search	IOC, VOC, SOC
260	Janitors Supplies (Wholesale)	6-10	Database Search	IOC, VOC, SOC
261	Service Industry Machinery NEC	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
262	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
264	General Contractors	6-10	Database Search	IOC, VOC, SOC
265, 481	Signs (Manufacturers); RCRA	6-10	Database Search	IOC, VOC, SOC
266	Printers	6-10	Database Search	IOC, VOC
267	Truck-Repairing & Service	6-10	Database Search	IOC, VOC, SOC
268	Janitor Service	6-10	Database Search	IOC, VOC, SOC
269	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
270	Material Handling Equipment (Whol)	6-10	Database Search	IOC, VOC, SOC
271	Publishers-Periodical	6-10	Database Search	IOC, VOC, SOC
272	General Contractors	6-10	Database Search	IOC, VOC, SOC
273	Home Builders	6-10	Database Search	IOC, VOC, SOC
274	Sheet Metal Fabricators	6-10	Database Search	IOC, VOC, SOC
275	Automobile Parts-Warehouses	6-10	Database Search	IOC, VOC, SOC
276	Carpet & Rug Cleaners	6-10	Database Search	VOC
277	Painters	6-10	Database Search	VOC, SOC
278	Floor Refinishing & Resurfacing	6-10	Database Search	VOC, SOC
279	Golf Cars & Carts	6-10	Database Search	IOC, VOC, SOC
280	Welding	6-10	Database Search	IOC, VOC, SOC
281	Mobile Homes-Transporting	6-10	Database Search	IOC, VOC, SOC
282	House & Building Movers	6-10	Database Search	IOC, VOC, SOC
283	Snow Removal Service	6-10	Database Search	IOC, VOC, SOC
284	Automobile Dealers-Used Cars	6-10	Database Search	IOC, VOC, SOC
285, 286	Printers	6-10	Database Search	IOC, VOC
287	Barbers Equipment & Supplies	6-10	Database Search	IOC, VOC, SOC
288	Photographic Equip & Supplies	6-10	Database Search	IOC, VOC
289, 483	Automobile Body-Repairing & Painting; RCRA	6-10	Database Search	IOC, VOC, SOC
290	Lighting Fixtures-Manufacturers	6-10	Database Search	IOC, VOC, SOC
291	Stone-Natural	6-10	Database Search	IOC, VOC, SOC
292	Boat Repairing	6-10	Database Search	IOC, VOC, SOC
293	Lumber-Manufacturers	6-10	Database Search	IOC, VOC, SOC
294	Trailer-Manufacturers	6-10	Database Search	IOC, VOC, SOC
295, 486	Truck-Painting & Lettering; RCRA	6-10	Database Search	IOC, VOC, SOC
296	Machine Shops	6-10	Database Search	IOC, VOC, SOC
297	Delivery Service	6-10	Database Search	IOC, VOC, SOC
298, 488	Waterproofing Contractors; RCRA	6-10	Database Search	IOC, VOC, SOC
299	Gas-Ind & Medical-Cylinder & Bulk-	6-10	Database Search	IOC, VOC, SOC
300	Trailers-Camping & Travel	6-10	Database Search	IOC, VOC, SOC
301	Trucking-Motor Freight	6-10	Database Search	VOC, SOC
302, 489	Automobile Body-Repairing & Painting; RCRA	6-10	Database Search	IOC, VOC, SOC
303	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
304	Manufacturers	6-10	Database Search	IOC, VOC, SOC
305, 490	Furniture-Repairing & Refinishing; RCRA	6-10	Database Search	VOC, SOC
306	Axles	6-10	Database Search	IOC, VOC, SOC
307	General Contractors	6-10	Database Search	IOC, VOC, SOC
308	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
309	Home Builders	6-10	Database Search	IOC, VOC, SOC
310	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
311	Excavating Contractors	6-10	Database Search	IOC, VOC, SOC
312	Controls Control Sys/Regulators	6-10	Database Search	IOC, VOC, SOC
313	Automobile Body Shop Equip/Supls	6-10	Database Search	IOC, VOC, SOC
314, 492	Tools-Electric (Wholesale); RCRA	6-10	Database Search	IOC, VOC, SOC
315	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
316	General Contractors	6-10	Database Search	IOC, VOC, SOC
317	Electric Motors-Dlrs/Repairing	6-10	Database Search	IOC, VOC, SOC
318	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
319	Law Brief Printers	6-10	Database Search	IOC, VOC
320	Recreational Vehicles	6-10	Database Search	IOC, VOC, SOC
321, 322	Photographers-Portrait	6-10	Database Search	IOC, VOC
323, 493	Printers; RCRA	6-10	Database Search	IOC, VOC
324	Storage-Household & Commercial	6-10	Database Search	IOC, VOC, SOC
325	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
326	Tobacco Products-Manufacturers	6-10	Database Search	IOC, VOC, SOC
327	Trailer Hitches	6-10	Database Search	IOC, VOC, SOC
328	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
329	Welding	6-10	Database Search	IOC, VOC, SOC
330	Cleaners	6-10	Database Search	IOC, VOC
331	Recreational Vehicles	6-10	Database Search	IOC, VOC, SOC
332	Multimedia (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
333	Painters	6-10	Database Search	VOC, SOC
334	Metal Stamping (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
335	Electronic Equipment & Supplies	6-10	Database Search	IOC, VOC, SOC
336	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
337	Stone-Natural	6-10	Database Search	IOC, VOC, SOC
338	Manufacturers	6-10	Database Search	IOC, VOC, SOC
339	Machine Shops	6-10	Database Search	IOC, VOC, SOC
340	Motorcycles & Motor Scooters-Dealer	6-10	Database Search	IOC, VOC, SOC
341	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
342	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
343	Landscaping Equipment & Supplies	6-10	Database Search	IOC, VOC, SOC
344, 345	Trailers-Repairing & Service; Recreational Vehicles	6-10	Database Search	IOC, VOC, SOC
346	Household Home & Farm Refrig	6-10	Database Search	IOC, VOC, SOC
348	Car Washing & Polishing	6-10	Database Search	IOC, VOC, SOC
349	General Contractors	6-10	Database Search	IOC, VOC, SOC
350	General Contractors	6-10	Database Search	IOC, VOC, SOC
351	Printers	6-10	Database Search	IOC, VOC
352	Automobile Parts & Supplies	6-10	Database Search	IOC, VOC, SOC
353	General Contractors	6-10	Database Search	IOC, VOC, SOC
354	Controls Control Sys/Regulators	6-10	Database Search	IOC, VOC, SOC
355	Buildings-Metal	6-10	Database Search	IOC, VOC, SOC
357	Asbestos Removal Service	6-10	Database Search	IOC, VOC, SOC
358	Controls Control Sys/Regulators	6-10	Database Search	IOC, VOC, SOC
359, 501	Automobile Body Shop Equip/Supls; RCRA	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
360	Coatings-Protective (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
361	Service Station Equipment (Wholesale)	6-10	Database Search	IOC, VOC, SOC
362	Photographic Equipment-Repairing	6-10	Database Search	IOC, VOC
363	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
364, 520	Automobile Body-Repairing & Painting; RCRA	6-10	Database Search	IOC, VOC, SOC
365	Printers	6-10	Database Search	IOC, VOC
366	Lawn Mowers	6-10	Database Search	IOC, VOC, SOC
367	Bookbinders Equipment & Supplies	6-10	Database Search	IOC, VOC, SOC
368	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
369	Concrete Contractors	6-10	Database Search	IOC, VOC, SOC
370	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
371	Automobile Detail & Clean-Up Service	6-10	Database Search	IOC, VOC, SOC
372	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
373	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
374	Printers	6-10	Database Search	IOC, VOC
375, 508	Automobile Body-Repairing & Painting; RCRA	6-10	Database Search	IOC, VOC, SOC
376	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
377	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
378	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
379	Wheel Alignment-Frame & Axle Svc	6-10	Database Search	IOC, VOC, SOC
380	Recreational Vehicles	6-10	Database Search	IOC, VOC, SOC
381	Laboratories-Research & Development	6-10	Database Search	IOC, VOC, SOC
382	Pest Control	6-10	Database Search	IOC, VOC, SOC
383	Automobile Parts & Supplies-Retail	6-10	Database Search	IOC, VOC, SOC
384	General Contractors	6-10	Database Search	IOC, VOC, SOC
385	Screen Printing	6-10	Database Search	IOC, VOC
386	Recreational Vehicles	6-10	Database Search	IOC, VOC, SOC
387	Sheet Metal Fabricators	6-10	Database Search	IOC, VOC, SOC
388	Signs (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
389	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
390	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
391	Paint-Retail	6-10	Database Search	VOC, SOC
392	Carpet & Rug Cleaning Equip/Supls	6-10	Database Search	IOC, VOC, SOC
393	Motorcycles & Motor Scooters-Supplies	6-10	Database Search	IOC, VOC, SOC
394	Electric Equipment-Manufacturer	6-10	Database Search	IOC, VOC
396	Batteries-Storage-Wholesale	6-10	Database Search	IOC, VOC, SOC
398	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
399	Sheet Metal Work Contractors	6-10	Database Search	IOC, VOC, SOC
400	Automobile Racing Car Equipment	6-10	Database Search	IOC, VOC, SOC
401	Signs (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
402	Cleaning Compounds-Manufacturers	6-10	Database Search	VOC
403	Cleaning Compounds-Manufacturers	6-10	Database Search	VOC
404	General Contractors	6-10	Database Search	IOC, VOC, SOC
405	Nurserymen	6-10	Database Search	IOC, VOC, SOC
406, 408	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
407	Labels-Paper (Manufacturers)	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
409, 410	Rental Service-Stores & Yards; Carpet & Rug Cleaning Equipment	6-10	Database Search	IOC, VOC, SOC
412	Trucking -Freight	6-10	Database Search	VOC, SOC
413	Automobile Parts & Supplies	6-10	Database Search	IOC, VOC, SOC
414	Photo Finishing-Retail	6-10	Database Search	IOC, VOC
415	Automobile Suspensions	6-10	Database Search	IOC, VOC, SOC
416	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
417, 514	Motor Homes-Repairing & Service; RCRA	6-10	Database Search	IOC, VOC, SOC
418	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
419	Wrecker Service	6-10	Database Search	IOC, VOC, SOC
420	Transmissions-Automobile	6-10	Database Search	IOC, VOC, SOC
421	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
422	Trailers-Camping & Travel	6-10	Database Search	IOC, VOC, SOC
423	Jewelry-Manufacturers	6-10	Database Search	IOC, VOC, SOC
425	Air Courier Services	6-10	Database Search	IOC, VOC, SOC
426	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
427	Tube-Bending & Fabricating	6-10	Database Search	IOC, VOC, SOC
428	X-Ray Apparatus & Tubes (Mfrs)	6-10	Database Search	IOC, VOC, SOC
429	Hydraulic Equipment & Supplies	6-10	Database Search	IOC, VOC, SOC
430, 431	Truck Renting & Leasing	6-10	Database Search	IOC, VOC, SOC
432	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
433	Fertilizers (Wholesale)	6-10	Database Search	IOC, VOC, SOC
434	Federal Government-National Security	6-10	Database Search	IOC, VOC, SOC
435	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
436, 517	Automobile Body-Repairing & Painting; RCRA	6-10	Database Search	IOC, VOC, SOC
437	Lawn & Garden Equip & Supplies	6-10	Database Search	IOC, VOC, SOC
438	Furniture-Repairing & Refinishing	6-10	Database Search	VOC, SOC
439	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
440	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
441	Hot Tubs & Spas-Manufacturers	6-10	Database Search	IOC, VOC, SOC
442	Boat Dealers	6-10	Database Search	IOC, VOC, SOC
443	Painters	6-10	Database Search	VOC, SOC
444	Steel Fabricators	6-10	Database Search	IOC, VOC, SOC
445	Steel Fabricators	6-10	Database Search	IOC, VOC, SOC
446	Automobile Detail & Clean-Up Service	6-10	Database Search	IOC, VOC, SOC
447	Compactors-Waste-Industrial	6-10	Database Search	IOC, VOC, SOC
448	Automobile Dealers-Used Cars	6-10	Database Search	VOC, SOC
449	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
450	Janitor Service	6-10	Database Search	IOC, VOC, SOC
451	Sporting Goods-Manufacturers	6-10	Database Search	IOC, VOC, SOC
452	Boat Dealers	6-10	Database Search	IOC, VOC, SOC
453	Car Washing & Polishing	6-10	Database Search	IOC, VOC, SOC
454	Automobile Detail & Clean-Up Service	6-10	Database Search	IOC, VOC, SOC
455	General Contractors	6-10	Database Search	IOC, VOC, SOC
456	Publishers-Book	6-10	Database Search	IOC, VOC, SOC
457	Controls Control Sys/Regulators-	6-10	Database Search	IOC, VOC, SOC
458	Woodworkers' Equipment & Supplies-	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
459	Automobile Restoration-Antique & Classic	6-10	Database Search	IOC, VOC, SOC
460	TRI site	6-10	Database Search	IOC, VOC, SOC
461	CERCLA	6-10	Database Search	IOC, VOC, SOC
462	CERCLA	6-10	Database Search	IOC, VOC, SOC
463	RCRA	6-10	Database Search	IOC, VOC, SOC
464	RCRA	6-10	Database Search	IOC, VOC, SOC
465	RCRA	6-10	Database Search	IOC, VOC, SOC
466	RCRA	6-10	Database Search	IOC, VOC, SOC
467	RCRA	6-10	Database Search	IOC, VOC, SOC
468	RCRA	6-10	Database Search	IOC, VOC, SOC
470	RCRA	6-10	Database Search	IOC, VOC, SOC
472	RCRA	6-10	Database Search	IOC, VOC, SOC
473	RCRA	6-10	Database Search	IOC, VOC, SOC
475	RCRA	6-10	Database Search	IOC, VOC, SOC
477	RCRA	6-10	Database Search	IOC, VOC, SOC
478	RCRA	6-10	Database Search	IOC, VOC, SOC
479	RCRA	6-10	Database Search	IOC, VOC, SOC
482	RCRA	6-10	Database Search	IOC, VOC, SOC
484	RCRA	6-10	Database Search	IOC, VOC, SOC
485	RCRA	6-10	Database Search	IOC, VOC, SOC
487	RCRA	6-10	Database Search	IOC, VOC, SOC
491	RCRA	6-10	Database Search	IOC, VOC, SOC
494	RCRA	6-10	Database Search	IOC, VOC, SOC
495	RCRA	6-10	Database Search	IOC, VOC, SOC
496	RCRA	6-10	Database Search	IOC, VOC, SOC
497	RCRA	6-10	Database Search	IOC, VOC, SOC
498	RCRA	6-10	Database Search	IOC, VOC, SOC
499	RCRA	6-10	Database Search	IOC, VOC, SOC
502	RCRA	6-10	Database Search	IOC, VOC, SOC
503	RCRA	6-10	Database Search	IOC, VOC, SOC
504	RCRA	6-10	Database Search	IOC, VOC, SOC
505	RCRA	6-10	Database Search	IOC, VOC, SOC
506	RCRA	6-10	Database Search	IOC, VOC, SOC
507	RCRA	6-10	Database Search	IOC, VOC, SOC
509, 510	RCRA	6-10	Database Search	IOC, VOC, SOC
511	RCRA	6-10	Database Search	IOC, VOC, SOC
512	RCRA	6-10	Database Search	IOC, VOC, SOC
515	RCRA	6-10	Database Search	IOC, VOC, SOC
519	RCRA	6-10	Database Search	IOC, VOC, SOC
522	SARA	6-10	Database Search	VOC, SOC
525	SARA	6-10	Database Search	IOC, VOC, SOC
527	SARA	6-10	Database Search	IOC, VOC, SOC
528	SARA	6-10	Database Search	IOC, VOC, SOC
529	Group 1	6-10	Database Search	IOC, VOC, SOC
530	Group 1	6-10	Database Search	IOC, VOC, SOC
	Chinden Blvd	6-10	GIS Map	IOC, VOC, SOC
	Fairview Avenue	6-10	GIS Map	IOC, VOC, SOC

¹ LUST = leaking underground storage tank, UST = underground storage tank, AST = aboveground storage tank, SARA = Superfund Amendments and Reauthorization Act, RCRA = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, TRI = Toxic Release Inventory

² TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

³ IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-4. Well #7, Potential Contaminant Inventory

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
1	Carpet & Rug Cleaners	0-3	Database Search	VOC
2	Concrete Contractors	0-3	Database Search	IOC, VOC, SOC
3	Artists-Commercial	3-6	Database Search	IOC, VOC, SOC
4	Carports	3-6	Database Search	IOC, VOC, SOC
5	Landscape Contractors	3-6	Database Search	IOC, VOC, SOC
6	General Contractors	3-6	Database Search	IOC, VOC, SOC
7	Lawn Maintenance	3-6	Database Search	IOC, VOC, SOC
8	Paving Contractors	3-6	Database Search	IOC, VOC, SOC
9, 12, 34	LUST, Site cleanup Completed, Impact: GROUND WATER; UST - Closed; SARA	6-10	Database Search	IOC, VOC, SOC
10, 14, 19, 28	LUST Site Cleanup Completed, Impact: Unknown; UST - Closed; Automobile Dealers-Used Cars; RCRA site	6-10	Database Search	VOC, SOC
11, 35	UST - Open; SARA	6-10	Database Search	VOC, SOC
13, 15, 33	UST - Closed; Ice Cream Manufacturer; SARA	6-10	Database Search	VOC, SOC
16	Laboratories-Testing	6-10	Database Search	IOC, VOC, SOC
17	Automobile Parts-Used & Rebuilt	6-10	Database Search	IOC, VOC, SOC
18	General Contractors	6-10	Database Search	IOC, VOC, SOC
20	Carpet & Rug Cleaners	6-10	Database Search	VOC
21	Automobile Renting & Leasing	6-10	Database Search	VOC, SOC
22	Automobile Parts & Supplies-Retail	6-10	Database Search	VOC, SOC
23	Snow Removal Service	6-10	Database Search	IOC, VOC, SOC
24	Demolition Contractors	6-10	Database Search	IOC, VOC, SOC
25	Service Stations-Gasoline & Oil	6-10	Database Search	IOC, VOC, SOC
26	Painters	6-10	Database Search	IOC, VOC, SOC
27, 29, 31	CERCLA Pest and Lawn Management; RCRA x2	6-10	Database Search	IOC, VOC, SOC
30	RCRA site	6-10	Database Search	IOC, VOC, SOC
32	Sand & Gravel	6-10	Database Search	IOC, VOC, SOC

¹ LUST = leaking underground storage tank, UST = underground storage tank, AST = aboveground storage tank, SARA = Superfund Amendments and Reauthorization Act, RCRA = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, TRI = Toxic Release Inventory

² TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

³ IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-5. Well #8, Potential Contaminant Inventory

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
1	RCRA site	0-3	Database Search	IOC, VOC, SOC
2	Sand and gravel pit	0-3	Database Search	IOC, VOC, SOC, Microbials
3, 7	LUST Site Cleanup Completed , Impact: Unknown; UST site - closed	3-6	Database Search	VOC, SOC
4	UST site - closed	3-6	Database Search	VOC, SOC
5, 19	UST site - closed; Automobile Repairing & Service	3-6	Database Search	IOC, VOC, SOC
6	UST site - closed	3-6	Database Search	IOC, VOC, SOC
8	Building Contractors	3-6	Database Search	IOC, VOC, SOC
9, 12, 14, 17, 18	Veterinarians x4; Pet Services	3-6	Database Search	IOC, VOC
10	Hardware-Retail	3-6	Database Search	IOC, VOC, SOC
11	Home Builders	3-6	Database Search	IOC, VOC, SOC
13	Contractors	3-6	Database Search	IOC, VOC, SOC
15	Photographers-Portrait	3-6	Database Search	IOC, VOC
16	Lawn Maintenance	3-6	Database Search	IOC, SOC
20	RCRA site	3-6	Database Search	VOC
21	RCRA site	3-6	Database Search	VOC
22	RCRA site	3-6	Database Search	IOC, VOC
23	RCRA site	3-6	Database Search	IOC, VOC, SOC
24	Group1 - Well #3	3-6	Database Search	
	Cole Road	3-6	GIS Map	IOC, VOC, SOC
25, 49, 76, 224, 253, 260	LUST Site Cleanup Incomplete , Impact: Unknown; UST - open; Oil Producers; RCRA site; SARA; AST	6-10	Database Search	VOC, SOC
26, 50	LUST Site Cleanup Completed , Impact: Unknown; UST site - closed	6-10	Database Search	IOC, VOC, SOC
27, 39, 210	LUST Site Cleanup Completed , Impact: Unknown; UST site - closed; Truck Renting & Leasing	6-10	Database Search	IOC, VOC, SOC
28, 43, 203	LUST Site Cleanup Completed , Impact: Unknown; UST site - closed; Storage-Household & Commercial	6-10	Database Search	IOC, VOC, SOC
29, 55, 167, 230	LUST Site Cleanup Completed , Impact: Unknown; UST site - open; Service Stations-Gasoline & Oil; RCRA	6-10	Database Search	IOC, VOC, SOC
30, 64	LUST Site Cleanup Completed , Impact: GROUND WATER; UST site - closed	6-10	Database Search	VOC, SOC
31, 69	LUST Site Cleanup Completed , Impact: Unknown; UST site - closed	6-10	Database Search	IOC, VOC, SOC
32, 54, 102, 228, 262	LUST Site Cleanup Incomplete , Impact: Unknown; UST site - closed; Pipe Line Companies; RCRA site; AST	6-10	Database Search	IOC, VOC, SOC
33, 247	UST site - open; SARA	6-10	Database Search	IOC, VOC, SOC
34, 196, 252	UST site - open; Service Stations-Gasoline & Oil; SARA	6-10	Database Search	VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
35, 197, 248	UST site - open; Service Stations-Gasoline & Oil; SARA	6-10	Database Search	VOC, SOC
36	UST site - closed	6-10	Database Search	VOC, SOC
37, 174, 242	UST site - closed; Recycling Centers (Wholesale); RCRA site	6-10	Database Search	IOC, VOC, SOC
38, 240	UST site - open; RCRA site	6-10	Database Search	IOC, VOC, SOC
40, 175	UST site - closed; Movers	6-10	Database Search	IOC, VOC, SOC
41	UST site - open	6-10	Database Search	VOC, SOC
42, 83, 258, 261	UST site - closed; Oils-Fuel (Wholesale); SARA x2	6-10	Database Search	VOC, SOC
44, 171	UST site - closed; Automobile Detail & Clean-Up Service	6-10	Database Search	IOC, VOC, SOC
45	UST site - closed	6-10	Database Search	IOC, VOC, SOC
46	UST site - closed	6-10	Database Search	VOC, SOC
47	UST site - open	6-10	Database Search	VOC, SOC
48	UST site - closed	6-10	Database Search	VOC, SOC
51	UST site - closed	6-10	Database Search	VOC, SOC
52	UST site - open	6-10	Database Search	VOC, SOC
53	UST site - open	6-10	Database Search	VOC, SOC
56	UST site - closed	6-10	Database Search	VOC, SOC
57	UST site - closed	6-10	Database Search	VOC, SOC
58	UST site - open	6-10	Database Search	VOC, SOC
59, 189, 190, 191, 192, 193, 244, 251	UST Site - Open; Hospitals; Newsletters (Manufacturers); RCRA site; SARA	6-10	Database Search	IOC, VOC, SOC
60	UST site - closed	6-10	Database Search	VOC, SOC
61	UST site - open	6-10	Database Search	VOC, SOC
62	UST site - closed	6-10	Database Search	VOC, SOC
63	UST site - closed	6-10	Database Search	VOC, SOC
65, 89	UST site - closed; Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
66	UST site - closed	6-10	Database Search	VOC, SOC
67, 150	UST site - closed; Electric Equipment & Supplies-Wholesale	6-10	Database Search	IOC, VOC, SOC
68	UST site - open	6-10	Database Search	VOC, SOC
70, 96	UST site - closed; Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
71	Marking Devices (Manufacturers)	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
72	Photographers-Portrait	6-10	Database Search	IOC, VOC
73	Funeral Directors	6-10	Database Search	IOC, VOC
74	Laboratories-Dental	6-10	Database Search	IOC, VOC
75	Envelopes-Manufacturers	6-10	Database Search	IOC, VOC
77	Excavating Contractors	6-10	Database Search	IOC, VOC, SOC
78	Signs (Manufacturers)	6-10	Database Search	IOC, VOC
79	Printers	6-10	Database Search	IOC, VOC
80	Automobile Parts & Supplies-Retail	6-10	Database Search	IOC, VOC, SOC
81	Automobile & Truck Brokers	6-10	Database Search	IOC, VOC, SOC
82	Automobile Dealers-Used Cars	6-10	Database Search	IOC, VOC, SOC
84	Cleaners	6-10	Database Search	VOC
85	Sewage Disposal Systems	6-10	Database Search	IOC, VOC, SOC
86	Automobile Machine Shop Service	6-10	Database Search	IOC, VOC, SOC
87	Bicycles-Dealers	6-10	Database Search	VOC
88	Taxicabs	6-10	Database Search	VOC, SOC
90, 226	Mufflers & Exhaust Systems-Engine; RCRA site	6-10	Database Search	IOC, VOC, SOC
91	Paint-Retail	6-10	Database Search	IOC, VOC, SOC
92, 227, 254	Oil Producers; RCRA site; SARA	6-10	Database Search	VOC, SOC
93	Stone-Natural	6-10	Database Search	IOC
94	Automobile Parts & Supplies-Retail	6-10	Database Search	IOC, VOC, SOC
95	Hospitals	6-10	Database Search	IOC, VOC, SOC
97	Signs (Manufacturers)	6-10	Database Search	IOC, VOC
98, 229	Automobile Body-Repairing & Painting; RCRA site	6-10	Database Search	IOC, VOC, SOC
99	Printers	6-10	Database Search	IOC, VOC
100	Fire Protection Equipment & Supls	6-10	Database Search	IOC, VOC, SOC
101	Carpet & Rug Cleaners	6-10	Database Search	VOC
103	General Contractors	6-10	Database Search	IOC, VOC, SOC
104	Tire-Dealers-Retail	6-10	Database Search	IOC, VOC, SOC
105	Trucking-Heavy Hauling	6-10	Database Search	IOC, VOC, SOC
106	Controls Control Sys/Regulators	6-10	Database Search	IOC, VOC, SOC
107	Typesetting (Manufacturers)	6-10	Database Search	IOC, VOC
108	Electrical Power Systems-Maintenance	6-10	Database Search	IOC, VOC
109	Electric Equipment-Manufacturers	6-10	Database Search	IOC, VOC
110	Delivery Service	6-10	Database Search	IOC, VOC, SOC
111	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
112	Optical Goods-Manufacturers	6-10	Database Search	IOC, VOC, SOC
113	Electric Equipment & Supplies-Wholesale	6-10	Database Search	IOC, VOC
114	State Government-Transportation	6-10	Database Search	VOC, SOC
115	Automobile Parts & Supplies-Retail	6-10	Database Search	IOC, VOC, SOC
116	Printers	6-10	Database Search	IOC, VOC
117	Sheet Metal Work Contractors	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
118	Typesetting (Manufacturers)	6-10	Database Search	IOC, VOC
119	Petroleum Products (Wholesale)	6-10	Database Search	VOC, SOC
120	Filters-Liquid (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
121	Electric Equipment & Supplies-Wholesale	6-10	Database Search	IOC, VOC
122	Lighting-Manufacturers	6-10	Database Search	IOC, VOC, SOC
123	General Contractors	6-10	Database Search	IOC, VOC, SOC
124, 263	Oils-Fuel (Wholesale); AST	6-10	Database Search	VOC, SOC
125, 126	Storage-Household & Commercial; Warehouses-Merchandise	6-10	Database Search	IOC, VOC, SOC
127	Bicycles-Dealers	6-10	Database Search	VOC
128	Rental Service-Stores & Yards	6-10	Database Search	IOC, VOC, SOC
129	General Contractors	6-10	Database Search	IOC, VOC, SOC
130	General Contractors	6-10	Database Search	IOC, VOC, SOC
131	Industrial Equipment & Supplies	6-10	Database Search	IOC, VOC, SOC
132	Printers	6-10	Database Search	IOC, VOC
133	Floor Refinishing & Resurfacing	6-10	Database Search	IOC, VOC, SOC
134	Automobile Seatcovers Tops & Uphol	6-10	Database Search	VOC
135	Building Contractors	6-10	Database Search	IOC, VOC, SOC
136	Publishers-Periodical	6-10	Database Search	IOC, VOC
137	Carpet & Rug Cleaners	6-10	Database Search	VOC
138, 243	Floor Refinishing & Resurfacing; RCRA site	6-10	Database Search	IOC, VOC, SOC
139, 140	Printers; Printers-Business Forms	6-10	Database Search	IOC, VOC
141	Barbers Equipment & Supplies (Wholesale)	6-10	Database Search	IOC, VOC
142	Photographic Equip & Supplies-Retail	6-10	Database Search	IOC, VOC
143	Lighting Fixtures-Manufacturers	6-10	Database Search	IOC, VOC, SOC
144	Microfilming Service Equipment	6-10	Database Search	IOC, VOC
145	Bicycles-Dealers	6-10	Database Search	VOC
146	Screen Printing	6-10	Database Search	IOC, VOC
147, 245, 255	Newspapers (Publishers); RCRA site; SARA	6-10	Database Search	IOC, VOC
148	Lumber-Manufacturers	6-10	Database Search	IOC, VOC, SOC
149	Laboratories-Medical	6-10	Database Search	IOC, VOC, SOC
151	Manufacturers	6-10	Database Search	IOC, VOC, SOC
152	General Contractors	6-10	Database Search	IOC, VOC, SOC
153	General Contractors	6-10	Database Search	IOC, VOC, SOC
154, 235	Tools-Electric (Wholesale); RCRA site	6-10	Database Search	IOC, VOC, SOC
155	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
156	Laboratories-Medical	6-10	Database Search	IOC, VOC, SOC
157	Artists-Commercial	6-10	Database Search	IOC, VOC
158	Tire-Dealers-Retail	6-10	Database Search	IOC, VOC, SOC
159, 160	Photographers-Portrait	6-10	Database Search	IOC, VOC
161, 236	Printers; RCRA site	6-10	Database Search	IOC, VOC
162, 239	Cleaners; RCRA site	6-10	Database Search	VOC
163	Movers	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
164	Ranches	6-10	Database Search	IOC, VOC, SOC
165	Printers	6-10	Database Search	IOC, VOC
166	Landscaping Equipment & Supplies	6-10	Database Search	IOC, VOC, SOC
168	Plumbing Fixtures & Supplies-Wholesale	6-10	Database Search	IOC, VOC, SOC
169	Oil Additives-Distributors	6-10	Database Search	VOC, SOC
170	Welding	6-10	Database Search	IOC, VOC, SOC
172	Carpet & Rug Cleaners	6-10	Database Search	VOC
173	Printers	6-10	Database Search	IOC, VOC
176	Electric Equipment & Supplies-Wholesale	6-10	Database Search	IOC, VOC
177	Paint-Retail	6-10	Database Search	IOC, VOC, SOC
178	Laboratories-Dental	6-10	Database Search	IOC, VOC, SOC
179	Printers	6-10	Database Search	IOC, VOC
180	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
181	Plumbing Fixtures & Supplies-Wholesale	6-10	Database Search	IOC, VOC, SOC
182	Automobile Dealers-Used Cars	6-10	Database Search	IOC, VOC, SOC
183	Controls Control Sys/Regulators	6-10	Database Search	IOC, VOC, SOC
184	Laboratories-Research & Development	6-10	Database Search	IOC, VOC, SOC
185	Building Contractors	6-10	Database Search	IOC, VOC, SOC
186	General Contractors	6-10	Database Search	IOC, VOC, SOC
187	Paint-Retail	6-10	Database Search	IOC, VOC, SOC
188	Electric Equipment-Manufacturers	6-10	Database Search	IOC, VOC
194	Plumbing Fixtures & Supplies-Wholesale	6-10	Database Search	IOC, VOC, SOC
195	Photo Finishing-Retail	6-10	Database Search	IOC, VOC
198	Storage-Household & Commercial	6-10	Database Search	IOC, VOC, SOC
199	Home Improvements	6-10	Database Search	IOC, VOC, SOC
200	General Contractors	6-10	Database Search	IOC, VOC, SOC
201	Nurserymen	6-10	Database Search	IOC, SOC
202	Labels-Paper (Manufacturers)	6-10	Database Search	IOC, VOC
204	Photo Finishing-Retail	6-10	Database Search	IOC, VOC
205	Laboratories-Medical	6-10	Database Search	IOC, VOC, SOC
206	Stone Cutters	6-10	Database Search	IOC
207	Laboratories-Medical	6-10	Database Search	IOC, VOC, SOC
208	Air Courier Services	6-10	Database Search	IOC, VOC, SOC
209	Swimming Pool Contrs Dlrs & Design	6-10	Database Search	IOC, VOC, SOC
211	Microfilming Service Equipment	6-10	Database Search	IOC, VOC
212	Fertilizers (Wholesale)	6-10	Database Search	IOC, SOC
213	Federal Government-National Security	6-10	Database Search	IOC, VOC, SOC
214	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
215	Water Works Equipment & Supplies	6-10	Database Search	IOC, VOC, SOC
216	Painters	6-10	Database Search	IOC, VOC, SOC
217	Electric Equipment & Supplies-Wholesale	6-10	Database Search	IOC, VOC
218	Sporting Goods-Manufacturers	6-10	Database Search	IOC, VOC, SOC
219	Trucking-Motor Freight	6-10	Database Search	IOC, VOC, SOC
220	Controls Control Sys/Regulators	6-10	Database Search	IOC, VOC, SOC
221	Garden Centers	6-10	Database Search	IOC, SOC
222	TRI Site	6-10	Database Search	IOC, VOC, SOC
223	RCRA site	6-10	Database Search	IOC, VOC, SOC
225	RCRA site	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
231	RCRA site	6-10	Database Search	IOC, VOC, SOC
232	RCRA site	6-10	Database Search	IOC, VOC, SOC
233	RCRA site	6-10	Database Search	IOC, VOC, SOC
234	RCRA site	6-10	Database Search	IOC, VOC, SOC
237	RCRA site	6-10	Database Search	IOC, VOC, SOC
238	RCRA site	6-10	Database Search	IOC, VOC, SOC
241, 257	RCRA site; SARA	6-10	Database Search	IOC, VOC, SOC
246	RCRA site	6-10	Database Search	IOC, VOC, SOC
249	SARA	6-10	Database Search	VOC, SOC
250	SARA	6-10	Database Search	VOC, SOC
256	SARA	6-10	Database Search	IOC, VOC, SOC
259	SARA	6-10	Database Search	VOC, SOC
264	group1	6-10	Database Search	
265	group1	6-10	Database Search	
	Curtis Road	6-10	GIS Map	IOC, VOC, SOC
	Fairview Avenue	6-10	GIS Map	IOC, VOC, SOC

¹ LUST = leaking underground storage tank, UST = underground storage tank, AST = aboveground storage tank, SARA = Superfund Amendments and Reauthorization Act, RCRA = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, TRI = Toxic Release Inventory

² TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

³ IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-6. Well #9, Potential Contaminant Inventory

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
1	Automobile Detail & Clean-Up Service	0-3	Database Search	IOC, VOC, SOC
2	RCRA site	0-3	Database Search	IOC, VOC, SOC
3	Gravel pit	0-3	Database Search	IOC, VOC, SOC, Microbials
4	UST site - closed	3-6	Database Search	VOC, SOC
5	Automobile-Antique & Classic	3-6	Database Search	VOC, SOC
6	Concrete Prods-Ex Block & Brick	3-6	Database Search	IOC, VOC, SOC
7	Contractors	3-6	Database Search	IOC, VOC, SOC
8	RCRA site	3-6	Database Search	VOC, SOC
9	Gravel pit	3-6	Database Search	IOC, VOC, SOC
	Glenwood St	3-6	GIS Map	IOC, VOC, SOC
10, 27, 155	LUST Site Cleanup Incomplete , Impact: GROUND WATER; UST site - closed; Batteries-Storage-Wholesale	6-10	Database Search	VOC, SOC
11, 21, 223	LUST Site Cleanup Completed , Impact: GROUND WATER; UST site - open; SARA	6-10	Database Search	VOC, SOC
12	LUST Site Cleanup Completed , Impact: Unknown	6-10	Database Search	VOC, SOC
13, 18, 199	LUST Site Cleanup Completed , Impact: GROUND WATER; UST site - closed; RCRA site	6-10	Database Search	VOC, SOC
14, 20, 214, 220	LUST Site Cleanup Completed , Impact: Unknown; UST site - open; RCRA site; SARA	6-10	Database Search	VOC, SOC
15, 28	LUST Site Cleanup Completed , Impact: Unknown; UST site - closed	6-10	Database Search	VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
16, 31, 98	LUST Site Cleanup Completed , Impact: GROUND WATER; UST site - closed; Meat Processing	6-10	Database Search	IOC, VOC, SOC
17, 32	LUST Site Cleanup Completed , Impact: GROUND WATER; UST site - closed	6-10	Database Search	VOC, SOC
19, 170	UST site - open; X-Ray Apparatus & Tubes (Mfrs)	6-10	Database Search	IOC, VOC, SOC
22	UST site - closed	6-10	Database Search	VOC, SOC
23	UST site - closed	6-10	Database Search	VOC, SOC
24	UST site - open	6-10	Database Search	VOC, SOC
25	UST site - closed	6-10	Database Search	VOC, SOC
26	UST site - closed	6-10	Database Search	VOC, SOC
29	UST site - closed	6-10	Database Search	VOC, SOC
30	UST site - closed	6-10	Database Search	VOC, SOC
33	Painters	6-10	Database Search	IOC, VOC, SOC
34	General Contractors	6-10	Database Search	IOC, VOC, SOC
35	Buildings-Metal	6-10	Database Search	IOC, VOC, SOC
36	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
37, 38	Welding; Roofing Contractors	6-10	Database Search	IOC, VOC, SOC
39	Transmissions-Automobile	6-10	Database Search	IOC, VOC, SOC
40	Printers	6-10	Database Search	IOC, VOC
41	Tire-Dealers-Retail	6-10	Database Search	VOC, SOC
42	Coatings-Protective (Manufacturers)	6-10	Database Search	VOC, SOC
43	Boat Dealers	6-10	Database Search	IOC, VOC, SOC
44	Parking Area Maintenance & Marking	6-10	Database Search	IOC, VOC, SOC
45	Veterinarians	6-10	Database Search	IOC, SOC
46	Mobile Homes-Repairing & Service	6-10	Database Search	IOC, VOC, SOC
47	Automobile Dealers-Used Cars	6-10	Database Search	IOC, VOC, SOC
48	Automobile Detail & Clean-Up Service	6-10	Database Search	IOC, VOC, SOC
49	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
50	Sporting Goods-Manufacturers	6-10	Database Search	VOC, SOC
51	Machine Shops	6-10	Database Search	IOC, VOC, SOC
52	Automobile Diagnostic Service	6-10	Database Search	IOC, VOC, SOC
53	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
54	Painters	6-10	Database Search	IOC, VOC, SOC
55, 81	Motorcycles & Motor Scooters-Supply x2	6-10	Database Search	IOC, VOC, SOC
56	Millwork (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
57	Recreational Vehicles-Repairing	6-10	Database Search	IOC, VOC, SOC
58	Painters	6-10	Database Search	IOC, VOC, SOC
59	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
60, 152	Automobile Dealers-Used Cars x2	6-10	Database Search	IOC, VOC, SOC
61	Hardware-Wholesale	6-10	Database Search	IOC, VOC, SOC
62	Boat Dealers	6-10	Database Search	IOC, VOC, SOC
63	Boat Repairing	6-10	Database Search	IOC, VOC, SOC
64	Assembly & Fabricating Service	6-10	Database Search	IOC, VOC, SOC
65	Swimming Pool Contrs Dlrs & Design	6-10	Database Search	
66, 195	Painters; RCRA site - 505 E 46TH #18	6-10	Database Search	IOC, VOC, SOC
67	Truck-Repairing & Service	6-10	Database Search	IOC, VOC, SOC
68	Newsletters (Manufacturers)	6-10	Database Search	IOC, VOC
69	Automobile Dealers-Used Cars	6-10	Database Search	IOC, VOC, SOC
70	Transmissions-Automobile	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
71	Truck Equipment & Parts-Wholesale	6-10	Database Search	IOC, VOC, SOC
72	Boat Dealers	6-10	Database Search	IOC, VOC, SOC
73	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
74	Concrete Contractors	6-10	Database Search	IOC, VOC, SOC
75	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
76	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
77	Pest Control	6-10	Database Search	IOC, VOC, SOC
78	Janitors Supplies (Wholesale)	6-10	Database Search	VOC
79	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
80, 196	Automobile Parts-Used & Rebuilt; RCRA site	6-10	Database Search	IOC, VOC, SOC
81	Bicycle Dealer	6-10	Database Search	IOC, VOC
82	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
83	Boat Dealers	6-10	Database Search	IOC, VOC, SOC
84	Machine Shops	6-10	Database Search	IOC, VOC, SOC
85	Concrete Contractors	6-10	Database Search	IOC, VOC, SOC
86	Water Treatment Equip Svc & Supls	6-10	Database Search	IOC, VOC
87	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
88	Automobile Dealers-New Cars	6-10	Database Search	VOC, SOC
89	Home Improvements	6-10	Database Search	IOC, VOC, SOC
90	Tile-Ceramic-Contractors & Dealers	6-10	Database Search	IOC, VOC, SOC
91	Remodeling/Repairing Bldg Contract	6-10	Database Search	IOC, VOC, SOC
92	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
93	Fire Protection Equipment & Supls	6-10	Database Search	IOC, VOC, SOC
94	Automobile Dealers-Used Cars	6-10	Database Search	IOC, VOC, SOC
95	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
96	Oils-Fuel (Wholesale)	6-10	Database Search	VOC, SOC
97	Linen Supply Service	6-10	Database Search	IOC, VOC
99	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
100	General Contractors	6-10	Database Search	IOC, VOC, SOC
101, 149	Sheet Metal Fabricators x2	6-10	Database Search	IOC, VOC, SOC
102	Painters	6-10	Database Search	IOC, VOC, SOC
103	Golf Cars & Carts	6-10	Database Search	IOC, VOC, SOC
104	Mobile Homes-Transporting	6-10	Database Search	IOC, VOC, SOC
105	Home Improvements	6-10	Database Search	IOC, VOC, SOC
106, 107	House & Building Movers; Snow Removal Service	6-10	Database Search	IOC, VOC, SOC
108	Automobile Dealers-Used Cars	6-10	Database Search	IOC, VOC, SOC
109	Beverage Dispensing Equip/Supls	6-10	Database Search	IOC, VOC, SOC
110, 198	Automobile Body-Repairing & Painting; RCRA site	6-10	Database Search	IOC, VOC, SOC
111	Stone-Natural	6-10	Database Search	IOC
112, 200	Truck-Painting & Lettering; RCRA site	6-10	Database Search	IOC, VOC, SOC
113	Hardware-Wholesale	6-10	Database Search	IOC, VOC, SOC
114	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
115	Metal Fabricators	6-10	Database Search	IOC, VOC, SOC
116	Axles	6-10	Database Search	IOC, VOC, SOC
117	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
118	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
119	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
120	Stainless Steel (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
121	Law Brief Printers	6-10	Database Search	IOC, VOC
122	General Contractors	6-10	Database Search	IOC, VOC, SOC
123	Storage-Household & Commercial	6-10	Database Search	IOC, VOC, SOC
124	Machine Shops	6-10	Database Search	IOC, VOC, SOC
125, 188, 189, 202, 222	Coatings-Protective (Manufacturers); TRI site; CERCLA Site; RCRA site; SARA	6-10	Database Search	IOC, VOC, SOC
126	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
127	Recreational Vehicles	6-10	Database Search	IOC, VOC, SOC
128	Machine Shops	6-10	Database Search	IOC, VOC, SOC
129	Painters	6-10	Database Search	IOC, VOC, SOC
130	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
131	Stone-Natural	6-10	Database Search	IOC
132	Trailers-Repairing & Service	6-10	Database Search	IOC, VOC, SOC
133	General Contractors	6-10	Database Search	IOC, VOC, SOC
134	Automobile Parts & Supplies-Wholesale	6-10	Database Search	IOC, VOC, SOC
135	General Contractors	6-10	Database Search	IOC, VOC, SOC
136	Controls Control Sys/Regulators	6-10	Database Search	IOC, VOC, SOC
137	Coatings-Protective (Manufacturers)	6-10	Database Search	IOC, VOC, SOC
138	Lawn Maintenance	6-10	Database Search	IOC, SOC
139	Photo Finishing-Custom	6-10	Database Search	IOC, VOC
140	Bookbinders Equipment & Supplies	6-10	Database Search	IOC, VOC
141, 205	Furniture-Stripping; RCRA site	6-10	Database Search	IOC, VOC, SOC
142	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
143	Printers	6-10	Database Search	IOC, VOC
144	Health & Beauty Aids-Wholesale	6-10	Database Search	IOC, VOC, SOC
145	Storage-Household & Commercial	6-10	Database Search	IOC, VOC, SOC
146	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
147	Pest Control	6-10	Database Search	IOC, SOC
148	Automobile Parts & Supplies-Retail	6-10	Database Search	IOC, VOC, SOC
150	Home Builders	6-10	Database Search	IOC, VOC, SOC
151	Automobile Dealers-Used Cars	6-10	Database Search	IOC, VOC, SOC
153	Buses-Repairing & Service	6-10	Database Search	IOC, VOC, SOC
154	Batteries-Storage-Wholesale	6-10	Database Search	IOC, VOC
156	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
157	Sheet Metal Work Contractors	6-10	Database Search	IOC, VOC, SOC
158	Cleaning Compounds-Manufacturers	6-10	Database Search	VOC
159, 160	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
161, 162	Rental Service-Stores & Yards; Carpet & Rug Cleaning Equipment	6-10	Database Search	IOC, VOC, SOC
163	Automobile Repairing & Service	6-10	Database Search	IOC, VOC, SOC
164	Trucking-Motor Freight	6-10	Database Search	IOC, VOC, SOC
165	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
166	Machine Tools (Wholesale)	6-10	Database Search	IOC, VOC, SOC
167	Transmissions-Automobile	6-10	Database Search	IOC, VOC, SOC
168	Automobile Parts & Supplies-Retail	6-10	Database Search	IOC, VOC, SOC
169	Trailers-Camping & Travel	6-10	Database Search	IOC, VOC, SOC
171	Machine Shops	6-10	Database Search	IOC, VOC, SOC
172	Tube-Bending & Fabricating	6-10	Database Search	IOC, VOC, SOC

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
173	X-Ray Apparatus & Tubes (Mfrs)	6-10	Database Search	IOC, VOC
174	Delivery Service	6-10	Database Search	IOC, VOC, SOC
175	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
176, 215	Automobile Body-Repairing & Painting; RCRA site	6-10	Database Search	IOC, VOC, SOC
177, 216	Automobile Machine Shop Service; RCRA site	6-10	Database Search	IOC, VOC, SOC
178	Automobile Dealers-Used Cars	6-10	Database Search	IOC, VOC, SOC
179	Machinery-Rebuilding & Repairing	6-10	Database Search	IOC, VOC, SOC
180	Steel Fabricators	6-10	Database Search	IOC, VOC, SOC
181	Automobile Detail & Clean-Up Service	6-10	Database Search	IOC, VOC, SOC
182	Automobile Body-Repairing & Painting	6-10	Database Search	IOC, VOC, SOC
183	Boat Dealers	6-10	Database Search	IOC, VOC, SOC
184	General Contractors	6-10	Database Search	IOC, VOC, SOC
185	Publishers-Book	6-10	Database Search	IOC, VOC
186	Woodworkers' Equipment & Supplies	6-10	Database Search	IOC, VOC, SOC
187, 218	Signs (Manufacturers); RCRA site	6-10	Database Search	IOC, VOC, SOC
190	CERCLA site	6-10	Database Search	IOC, VOC, SOC
191	RCRA site	6-10	Database Search	IOC, VOC, SOC
192	RCRA site	6-10	Database Search	IOC, VOC, SOC
193	RCRA site	6-10	Database Search	IOC, VOC, SOC
194	RCRA site	6-10	Database Search	IOC, VOC, SOC
197	RCRA site	6-10	Database Search	IOC, VOC, SOC
201	RCRA site	6-10	Database Search	IOC, VOC, SOC
203	RCRA site	6-10	Database Search	IOC, VOC, SOC
204	RCRA site	6-10	Database Search	IOC, VOC, SOC
206	RCRA site	6-10	Database Search	IOC, VOC, SOC
207	RCRA site	6-10	Database Search	IOC, VOC, SOC
208, 209	RCRA site x2	6-10	Database Search	IOC, VOC, SOC
210	RCRA site	6-10	Database Search	IOC, VOC, SOC
212	RCRA site	6-10	Database Search	IOC, VOC, SOC
213	RCRA site	6-10	Database Search	IOC, VOC, SOC
217	RCRA site	6-10	Database Search	IOC, VOC, SOC
219	Sand and gravel pit	6-10	Database Search	IOC, VOC, SOC
221	SARA	6-10	Database Search	VOC, SOC
	Chinden Blvd	6-10	GIS Map	IOC, VOC, SOC

¹ LUST = leaking underground storage tank, UST = underground storage tank, AST = aboveground storage tank, SARA = Superfund Amendments and Reauthorization Act, RCRA = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, TRI = Toxic Release Inventory

² TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

³ IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-7. Well #10, Potential Contaminant Inventory

Site #	Source Description ¹	TOT ZONE ²	Source of Information	Potential Contaminants ³
1	Storage-Household & Commercial	0-3	Database Search	IOC, SOC, VOC
2	Building Contractors	0-3	Database Search	IOC, VOC, SOC
3	Service Station Equipment (Wholesale)	0-3	Database Search	IOC, VOC, SOC
4	RCRA site	0-3	Database Search	IOC, VOC, SOC
5	Sand & Gravel	0-3	Database Search	IOC, VOC, SOC, Microbials
	Chinden Blvd	0-3	GIS Map	IOC, VOC, SOC, Microbials
6	Painting Contractors	3-6	Database Search	VOC, SOC
7	Carpet & Rug Cleaners	3-6	Database Search	VOC
8	Photographers-Portrait	3-6	Database Search	IOC, VOC
9	Lawn Maintenance	3-6	Database Search	IOC, VOC, SOC
10	Chemicals (Wholesale)	3-6	Database Search	IOC, VOC, SOC
11, 12, 20, 28	LUST Site Cleanup Incomplete, Impact: GROUND WATER; UST Site - open; Service Stations-Gasoline & Oil; RCRA	6-10	Database Search	VOC, SOC
13, 29	UST site - open; SARA	6-10	Database Search	IOC, VOC, SOC
14	Excavating Contractors	6-10	Database Search	IOC, VOC, SOC
15	Scrap Metals-Processing/Recycling-	6-10	Database Search	IOC, VOC, SOC
16	Excavating Contractors	6-10	Database Search	IOC, VOC, SOC
17	Laboratories-Dental	6-10	Database Search	IOC, VOC, SOC
18	Water & Sewage Companies-Utility	6-10	Database Search	IOC, VOC
19	Hardware-Retail	6-10	Database Search	IOC, VOC, SOC
21	Cleaners	6-10	Database Search	VOC
22	General Contractors	6-10	Database Search	IOC, VOC, SOC
23	Photographers-Portrait	6-10	Database Search	IOC, VOC
24	Artificial Eyes-Human (Manufacturing)	6-10	Database Search	IOC, VOC, SOC
25	Movers	6-10	Database Search	IOC, VOC, SOC
26	Excavating Contractors	6-10	Database Search	IOC, VOC, SOC
27	Sewage Disposal System	6-10	Database Search	IOC, SOC
	Cole Road	6-10	GIS Map	IOC, VOC, SOC

¹ LUST = leaking underground storage tank, UST = underground storage tank, AST = aboveground storage tank, SARA = Superfund Amendments and Reauthorization Act, RCRA = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, TRI = Toxic Release Inventory

² TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

³ IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Appendix B

Garden City
Susceptibility Analysis
Worksheets

The final scores for the susceptibility analysis were determined using the following formulas:

- 1) VOC/SOC/IOC Final Score = Hydrologic Sensitivity + System Construction + (Potential Contaminant/Land Use x 0.2)
- 2) Microbial Final Score = Hydrologic Sensitivity + System Construction + (Potential Contaminant/Land Use x 0.35)

Final Susceptibility Scoring:

0 - 5 Low Susceptibility

6 - 12 Moderate Susceptibility

≥ 13 High Susceptibility

1. System Construction		SCORE			
	Drill Date	12/31/1957			
	Driller Log Available	YES			
	Sanitary Survey (if yes, indicate date of last survey)	NO	0		
	Well meets IDWR construction standards	NO	1		
	Wellhead and surface seal maintained	NO	1		
	Casing and annular seal extend to low permeability unit	NO	2		
	Highest production 100 feet below static water level	YES	0		
	Well located outside the 100 year flood plain	NO	1		
Total System Construction Score			5		
2. Hydrologic Sensitivity					
	Soils are poorly to moderately drained	NO	2		
	Vadose zone composed of gravel, fractured rock or unknown	YES	1		
	Depth to first water > 300 feet	NO	1		
	Aquitard present with > 50 feet cumulative thickness	NO	2		
Total Hydrologic Score			6		
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score
	Land Use Zone 1A	URBAN/COMMERCIAL	2	2	2
	Farm chemical use high	NO	0	0	0
	IOC, VOC, SOC, or Microbial sources in Zone 1A	NO	NO	NO	NO
	Total Potential Contaminant Source/Land Use Score - Zone 1A		2	2	2
Potential Contaminant / Land Use - ZONE 1B					
	Contaminant sources present (Number of Sources)	YES	200	300	300
	(Score = # Sources X 2) 8 Points Maximum		8	8	8
	Sources of Class II or III leacheable contaminants or	YES	10	52	6
	4 Points Maximum		4	4	4
	Zone 1B contains or intercepts a Group 1 Area	YES	0	2	0
	Land use Zone 1B	Less Than 25% Agricultural Land	0	0	0
Total Potential Contaminant Source / Land Use Score - Zone 1B			12	14	12
Potential Contaminant / Land Use - ZONE II					
	Contaminant Sources Present	YES	2	2	2
	Sources of Class II or III leacheable contaminants or	YES	1	1	1
	Land Use Zone II	Less than 25% Agricultural Land	0	0	0
Potential Contaminant Source / Land Use Score - Zone II			3	3	3
Potential Contaminant / Land Use - ZONE III					
	Contaminant Source Present	YES	1	1	1
	Sources of Class II or III leacheable contaminants or	YES	1	1	1
	Is there irrigated agricultural lands that occupy > 50% of	NO	0	0	0
Total Potential Contaminant Source / Land Use Score - Zone III			2	2	2
Cumulative Potential Contaminant / Land Use Score			19	21	19
4. Final Susceptibility Source Score			15	15	15
5. Final Well Ranking			High	High	High

1. System Construction		SCORE			
Drill Date	09/01/1973				
Driller Log Available	YES				
Sanitary Survey (if yes, indicate date of last survey)	NO	0			
Well meets IDWR construction standards	NO	1			
Wellhead and surface seal maintained	NO	1			
Casing and annular seal extend to low permeability unit	NO	2			
Highest production 100 feet below static water level	YES	0			
Well located outside the 100 year flood plain	NO	1			
Total System Construction Score		5			
2. Hydrologic Sensitivity					
Soils are poorly to moderately drained	YES	0			
Vadose zone composed of gravel, fractured rock or unknown	YES	1			
Depth to first water > 300 feet	NO	1			
Aquitard present with > 50 feet cumulative thickness	NO	2			
Total Hydrologic Score		4			
3. Potential Contaminant / Land Use - ZONE 1A		IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	URBAN/COMMERCIAL	2	2	2	2
Farm chemical use high	NO	0	0	0	
IOC, VOC, SOC, or Microbial sources in Zone 1A	YES	NO	NO	NO	YES
Total Potential Contaminant Source/Land Use Score - Zone 1A		2	2	2	2
Potential Contaminant / Land Use - ZONE 1B					
Contaminant sources present (Number of Sources)	YES	38	61	58	8
(Score = # Sources X 2) 8 Points Maximum		8	8	8	8
Sources of Class II or III leacheable contaminants or	YES	8	19	8	
4 Points Maximum		4	4	4	
Zone 1B contains or intercepts a Group 1 Area	YES	0	2	0	0
Land use Zone 1B	Less Than 25% Agricultural Land	0	0	0	0
Total Potential Contaminant Source / Land Use Score - Zone 1B		12	14	12	8
Potential Contaminant / Land Use - ZONE II					
Contaminant Sources Present	YES	2	2	2	
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
Land Use Zone II	Less than 25% Agricultural Land	0	0	0	
Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III					
Contaminant Source Present	YES	1	1	1	
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of	NO	0	0	0	
Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score		19	21	19	10
4. Final Susceptibility Source Score		13	13	13	13
5. Final Well Ranking		High	High	High	High

1. System Construction		SCORE			
Drill Date	09/01/1992				
Driller Log Available	YES				
Sanitary Survey (if yes, indicate date of last survey)	NO	0			
Well meets IDWR construction standards	NO	1			
Wellhead and surface seal maintained	NO	1			
Casing and annular seal extend to low permeability unit	NO	2			
Highest production 100 feet below static water level	YES	0			
Well located outside the 100 year flood plain	NO	1			
Total System Construction Score		5			
2. Hydrologic Sensitivity					
Soils are poorly to moderately drained	NO	2			
Vadose zone composed of gravel, fractured rock or unknown	YES	1			
Depth to first water > 300 feet	NO	1			
Aquitard present with > 50 feet cumulative thickness	YES	0			
Total Hydrologic Score		4			
3. Potential Contaminant / Land Use - ZONE 1A		IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	URBAN/COMMERCIAL	2	2	2	2
Farm chemical use high	NO	0	0	0	
IOC, VOC, SOC, or Microbial sources in Zone 1A	YES	YES	YES	YES	YES
Total Potential Contaminant Source/Land Use Score - Zone 1A		2	2	2	2
Potential Contaminant / Land Use - ZONE 1B					
Contaminant sources present (Number of Sources)	YES	200	300	300	6
(Score = # Sources X 2) 8 Points Maximum		8	8	8	8
Sources of Class II or III leacheable contaminants or	YES	10	52	6	
4 Points Maximum		4	4	4	
Zone 1B contains or intercepts a Group 1 Area	YES	0	2	0	0
Land use Zone 1B	Less Than 25% Agricultural Land	0	0	0	0
Total Potential Contaminant Source / Land Use Score - Zone 1B		12	14	12	8
Potential Contaminant / Land Use - ZONE II					
Contaminant Sources Present	YES	2	2	2	
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
Land Use Zone II	Less than 25% Agricultural Land	0	0	0	
Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III					
Contaminant Source Present	YES	1	1	1	
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of	NO	0	0	0	
Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score		19	21	19	10
4. Final Susceptibility Source Score		13	13	13	13
5. Final Well Ranking		High	High	High	High

1. System Construction	SCORE			
Drill Date	09/13/1978			
Driller Log Available	YES			
Sanitary Survey (if yes, indicate date of last survey)	NO	0		
Well meets IDWR construction standards	NO	1		
Wellhead and surface seal maintained	NO	1		
Casing and annular seal extend to low permeability unit	YES	0		
Highest production 100 feet below static water level	YES	0		
Well located outside the 100 year flood plain	NO	1		
Total System Construction Score		3		
2. Hydrologic Sensitivity				
Soils are poorly to moderately drained	YES	0		
Vadose zone composed of gravel, fractured rock or unknown	YES	1		
Depth to first water > 300 feet	NO	1		
Aquitard present with > 50 feet cumulative thickness	YES	0		
Total Hydrologic Score		2		
3. Potential Contaminant / Land Use - ZONE 1A		IOC Score	VOC Score	SOC Score
Land Use Zone 1A	URBAN/COMMERCIAL	2	2	2
Farm chemical use high	NO	0	0	0
IOC, VOC, SOC, or Microbial sources in Zone 1A	YES	NO	YES	NO
Total Potential Contaminant Source/Land Use Score - Zone 1A		2	2	2
Potential Contaminant / Land Use - ZONE 1B				
Contaminant sources present (Number of Sources)	YES	5	5	5
(Score = # Sources X 2) 8 Points Maximum		8	8	8
Sources of Class II or III leacheable contaminants or	YES	2	2	2
4 Points Maximum		2	2	2
Zone 1B contains or intercepts a Group 1 Area	YES	0	2	0
Land use Zone 1B Less Than 25% Agricultural Land		0	0	0
Total Potential Contaminant Source / Land Use Score - Zone 1B		10	12	10
Potential Contaminant / Land Use - ZONE II				
Contaminant Sources Present	YES	2	2	2
Sources of Class II or III leacheable contaminants or	YES	1	1	1
Land Use Zone II Less than 25% Agricultural Land		0	0	0
Potential Contaminant Source / Land Use Score - Zone II		3	3	3
Potential Contaminant / Land Use - ZONE III				
Contaminant Source Present	YES	1	1	1
Sources of Class II or III leacheable contaminants or	YES	1	1	1
Is there irrigated agricultural lands that occupy > 50% of	NO	0	0	0
Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2
Cumulative Potential Contaminant / Land Use Score		17	19	17
4. Final Susceptibility Source Score		8	9	8
5. Final Well Ranking		Moderate	High*	Moderate

1. System Construction		SCORE			
Drill Date	09/15/1978				
Driller Log Available	YES				
Sanitary Survey (if yes, indicate date of last survey)	NO	0			
Well meets IDWR construction standards	NO	1			
Wellhead and surface seal maintained	NO	1			
Casing and annular seal extend to low permeability unit	YES	0			
Highest production 100 feet below static water level	YES	0			
Well located outside the 100 year flood plain	NO	1			
Total System Construction Score		3			
2. Hydrologic Sensitivity					
Soils are poorly to moderately drained	YES	0			
Vadose zone composed of gravel, fractured rock or unknown	YES	1			
Depth to first water > 300 feet	NO	1			
Aquitard present with > 50 feet cumulative thickness	YES	0			
Total Hydrologic Score		2			
3. Potential Contaminant / Land Use - ZONE 1A		IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	URBAN/COMMERCIAL	2	2	2	2
Farm chemical use high	NO	0	0	0	
IOC, VOC, SOC, or Microbial sources in Zone 1A	NO	NO	NO	NO	NO
Total Potential Contaminant Source/Land Use Score - Zone 1A		2	2	2	2
Potential Contaminant / Land Use - ZONE 1B					
Contaminant sources present (Number of Sources)	YES	1	2	1	0
(Score = # Sources X 2) 8 Points Maximum		2	4	2	0
Sources of Class II or III leacheable contaminants or	NO	0	0	0	
4 Points Maximum		0	0	0	
Zone 1B contains or intercepts a Group 1 Area	YES	0	2	0	0
Land use Zone 1B Less Than 25% Agricultural Land		0	0	0	0
Total Potential Contaminant Source / Land Use Score - Zone 1B		2	6	2	0
Potential Contaminant / Land Use - ZONE II					
Contaminant Sources Present	YES	2	2	2	
Sources of Class II or III leacheable contaminants or	NO	0	0	0	
Land Use Zone II Less than 25% Agricultural Land		0	0	0	
Potential Contaminant Source / Land Use Score - Zone II		2	2	2	0
Potential Contaminant / Land Use - ZONE III					
Contaminant Source Present	YES	1	1	1	
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of	NO	0	0	0	
Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score		8	12	8	2
4. Final Susceptibility Source Score		7	7	7	6
5. Final Well Ranking		Moderate	Moderate	Moderate	Moderate

1. System Construction		SCORE			
Drill Date	01/01/1985				
Driller Log Available	YES				
Sanitary Survey (if yes, indicate date of last survey)	NO	0			
Well meets IDWR construction standards	NO	1			
Wellhead and surface seal maintained	NO	1			
Casing and annular seal extend to low permeability unit	NO	2			
Highest production 100 feet below static water level	YES	0			
Well located outside the 100 year flood plain	NO	1			
Total System Construction Score		5			
2. Hydrologic Sensitivity					
Soils are poorly to moderately drained	NO	2			
Vadose zone composed of gravel, fractured rock or unknown	YES	1			
Depth to first water > 300 feet	NO	1			
Aquitard present with > 50 feet cumulative thickness	YES	0			
Total Hydrologic Score		4			
3. Potential Contaminant / Land Use - ZONE 1A		IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	URBAN/COMMERCIAL	2	2	2	2
Farm chemical use high	NO	0	0	0	
IOC, VOC, SOC, or Microbial sources in Zone 1A	NO	NO	NO	NO	NO
Total Potential Contaminant Source/Land Use Score - Zone 1A		2	2	2	2
Potential Contaminant / Land Use - ZONE 1B					
Contaminant sources present (Number of Sources)	YES	2	2	2	1
(Score = # Sources X 2) 8 Points Maximum		4	4	4	2
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
4 Points Maximum		1	1	1	
Zone 1B contains or intercepts a Group 1 Area	YES	0	2	0	0
Land use Zone 1B Less Than 25% Agricultural Land		0	0	0	0
Total Potential Contaminant Source / Land Use Score - Zone 1B		5	7	5	2
Potential Contaminant / Land Use - ZONE II					
Contaminant Sources Present	YES	2	2	2	
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
Land Use Zone II Less than 25% Agricultural Land		0	0	0	
Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III					
Contaminant Source Present	YES	1	1	1	
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of	NO	0	0	0	
Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score		12	14	12	4
4. Final Susceptibility Source Score		11	12	11	11
5. Final Well Ranking		Moderate	Moderate	Moderate	Moderate

1. System Construction		SCORE			
Drill Date	07/31/1990				
Driller Log Available	YES				
Sanitary Survey (if yes, indicate date of last survey)	NO	0			
Well meets IDWR construction standards	NO	1			
Wellhead and surface seal maintained	NO	1			
Casing and annular seal extend to low permeability unit	YES	0			
Highest production 100 feet below static water level	YES	0			
Well located outside the 100 year flood plain	NO	1			
Total System Construction Score		3			
2. Hydrologic Sensitivity					
Soils are poorly to moderately drained	YES	0			
Vadose zone composed of gravel, fractured rock or unknown	YES	1			
Depth to first water > 300 feet	NO	1			
Aquitard present with > 50 feet cumulative thickness	YES	0			
Total Hydrologic Score		2			
3. Potential Contaminant / Land Use - ZONE 1A		IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	URBAN/COMMERCIAL	2	2	2	2
Farm chemical use high	NO	0	0	0	
IOC, VOC, SOC, or Microbial sources in Zone 1A	NO	NO	NO	NO	NO
Total Potential Contaminant Source/Land Use Score - Zone 1A		2	2	2	2
Potential Contaminant / Land Use - ZONE 1B					
Contaminant sources present (Number of Sources)	YES	3	3	3	1
(Score = # Sources X 2) 8 Points Maximum		6	6	6	2
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
4 Points Maximum		1	1	1	
Zone 1B contains or intercepts a Group 1 Area	YES	0	2	0	0
Land use Zone 1B Less Than 25% Agricultural Land		0	0	0	0
Total Potential Contaminant Source / Land Use Score - Zone 1B		7	9	7	2
Potential Contaminant / Land Use - ZONE II					
Contaminant Sources Present	YES	2	2	2	
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
Land Use Zone II Less than 25% Agricultural Land		0	0	0	
Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III					
Contaminant Source Present	YES	1	1	1	
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of	NO	0	0	0	
Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score		14	16	14	4
4. Final Susceptibility Source Score		8	8	8	7
5. Final Well Ranking		Moderate	Moderate	Moderate	Moderate

1. System Construction		SCORE			
Drill Date	06/08/1993				
Driller Log Available	YES				
Sanitary Survey (if yes, indicate date of last survey)	NO	0			
Well meets IDWR construction standards	YES	0			
Wellhead and surface seal maintained	NO	1			
Casing and annular seal extend to low permeability unit	YES	0			
Highest production 100 feet below static water level	YES	0			
Well located outside the 100 year flood plain	NO	1			
Total System Construction Score		2			
2. Hydrologic Sensitivity					
Soils are poorly to moderately drained	NO	2			
Vadose zone composed of gravel, fractured rock or unknown	YES	1			
Depth to first water > 300 feet	NO	1			
Aquitard present with > 50 feet cumulative thickness	YES	0			
Total Hydrologic Score		4			
3. Potential Contaminant / Land Use - ZONE 1A		IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	URBAN/COMMERCIAL	2	2	2	2
Farm chemical use high	NO	0	0	0	
IOC, VOC, SOC, or Microbial sources in Zone 1A	NO	NO	NO	NO	NO
Total Potential Contaminant Source/Land Use Score - Zone 1A		2	2	2	2
Potential Contaminant / Land Use - ZONE 1B					
Contaminant sources present (Number of Sources)	YES	6	6	6	2
(Score = # Sources X 2) 8 Points Maximum		8	8	8	4
Sources of Class II or III leacheable contaminants or	YES	2	2	2	
4 Points Maximum		2	2	2	
Zone 1B contains or intercepts a Group 1 Area	YES	0	2	0	0
Land use Zone 1B Less Than 25% Agricultural Land		0	0	0	0
Total Potential Contaminant Source / Land Use Score - Zone 1B		10	12	10	4
Potential Contaminant / Land Use - ZONE II					
Contaminant Sources Present	YES	2	2	2	
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
Land Use Zone II Less than 25% Agricultural Land		0	0	0	
Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III					
Contaminant Source Present	YES	1	1	1	
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of	NO	0	0	0	
Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score		17	19	17	6
4. Final Susceptibility Source Score		9	10	9	8
5. Final Well Ranking		Moderate	Moderate	Moderate	Moderate